# THE <br> OXYRHYNCHUS PAPYRI <br> VOLUME XL 

edited with translations and notes by
J. R. REA

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This part is exclusively documentary and devoted to a homogeneous group of texts from a short period in the late third century after Christ. They have been assembled, transcribed, translated, and interpreted by Dr. John Rea, who first realized their purport and isolated them as an archive. Identification of the documentation in Oxyrhynchus of the institution in that town of a corn dole apparently modelled on that of Rome itself is a considerable gain for historical studies. It is particularly felicitous that this discovery should be published in the $75^{\text {th }}$ anniversary year of the opening of work at Behnesa.
The index has been made by Dr. John Rea himself. He would like to thank Mr. W. E. H. Cockle for cleaning the originals. And Dr. Rea and the general editors are grateful to the University Press, Oxford for their care over the printing.
P. J. PARSONS
J. R. REA E. G. TURNER General Editors of the Graeco-Roman Memoirs

## CONTENTS

Preface ..... v
Table of Papyri ..... ix
List of Plates ..... xi
Numbers and Plates ..... xi
Note on the method of publication ..... xii
TEXTSPublic Documents: The Corn Dole in Oxyrhynghus andKindred Documents
I. 2892-2940 Corn Dole Archive
1
II. 2941-2942 Communications to a Nomarch ..... 117
INDEXES

1. Emperors and Regnal Years ..... 121
II. Consuls ..... 121
II. Months ..... 121
IV Personal Names ..... 122
V. Geographical
(a) Countries, Nomes, Toparchies, Cities, etc. ..... 126
(b) ä $\mu \phi o \delta a$ of Oxyrhynchus ..... 126
(c) Tribes and demes ..... 126
VI. Religion126
VII. Official and Military Terms and Titles
128
VIII. Professions, Trades, and OccupationsI28
IX. Measures128

## TABLE OF PAPYRI

2892. Applications to receive the dole
2893. Applications to receive the dole 2894. Applications to receive the dole
2894. Applications to receive the dole 2896. Application to receive the dole
2895. Application to receive the dole 2898. Application to receive the dole 2899. Application to receive the dole 2900. Application to receive the dole 2901. Application to receive the dole 2902. Application to receive the dole 2903. Application to receive the dole 2904. Application to receive the dole 2905. Application to receive the dole 2906. Applications to receive the dole 2907. Applications to receive the dole
2896. Applications to receive the dole
2897. Application to receive the dole 2910. Applications to receive the dole
2898. Application to receive the dole
2899. Application to receive the dole
2900. Applications to receive the dole
2901. Applications to receive the dole
2902. Application to receive the dole 2916. Application to receive the dole 2917. Application to receive the dole 2918. Application to receive the dole 2919. Application to receive the dole 2920. Application to receive the dole 2921. Application to receive the dole

24 Sept., 269 ; $^{1}$ (?) Sept.,
${ }_{269} \cdot{ }^{26} \cdot$. . .
25 Sept., 269 ; s.d. . 36
$14 \underset{24 \text { Feb., } 270 \text { Jan., } 270 \text { Jan.- }}{ }{ }^{28}$
269/70; 14 Jan., 270 . 4 I
Sept./Oct., 268, 269, or
${ }_{268-270}^{270} \cdot \quad \cdot \quad 44$
$260-270$ • $\quad 45$
270/r
s.d.
. . . 49

- • 50

24 June, 272 • 51
c. $27 \mathrm{X}-2$. . . 52

17 April, 272 . . 53
s.d. . . . . 55

270/i?; 2 Nov., 270 . 56
I Nov.(?), 270; Oct./
Nov., 270 . ${ }^{\circ}$
$\begin{array}{lll}\text { Dec./Jan., } 270 / \mathrm{r} ; 270 / \mathrm{I} & 6 \mathrm{I} \\ \text { s.d. } & . & 66\end{array}$
$\begin{array}{lll}\text { s.d. . . . . } 66 \\ \text { s.d. } & 67\end{array}$
s.d. . . . . 68
s.d. . . . . 69

19 Feb., 269; Jan./Feb.,
Jan./Feb., 269; Jan./
Jan./Feb.,
Feb., 269 ${ }^{269 ;}$ Jan./ 72
s.d. . . . . 74

270/1? . . . 75
s.d. . . . . 77
s.d. . . . . 77
s.d. . . . - 78
s.d. . . . . 79

7-15 Dec., 270 . . 79
${ }^{1}$ All dates are A.D.
2922. Application to receive the dole . . Io Jan., 271 or iI Jan.,
2923. Application to a strategus
2924. Public Notice?
2925. Official Correspondence
2926. Letter of a Shipmaster
2927. Formulary

2929. District Totals of a Restricted Population Group
2930. Heading of Register of Recipients .
2931. Heading of Register of Recipients .
2932. Heading of Register of Recipients .
2933. Heading of Register of Recipients .
2934. Fragment of Register of Recipients
2935. Fragment of Register of Recipients
2936. Fragment of Register of Recipients
2937. Fragments of Register of Recipients
2938. Receipt
2939. Extract from the Archives
2940. Extract from the Archives
2941. Communication to a Nomarch
2942. Communication to a Nomarch
c. $27 \mathrm{I} / 2$. . . 80
$\begin{array}{ll}\text { s.d. } & \text {. } \\ \text { I }\end{array}$
s.d. . . . . 83
s.d. . . . . 85
s.d. . . . . 86
s.d. . . . . 88
May/June, 270 . . 92
s.d. . . . . 94
s.d. . . . 94
s.d. . . . . 95
s.d. . . . . 96
s.d. . . . . 97
d. . . . . 99
Dec./Jan., 27 . . 103
Dec./Jan., 271/2 . . 107
s.d.
s.d. . . 110
d. . . . . ${ }^{114}$
70/I or later - II5
70/I or later - . II6
Second/third century . 118
Second/third century . II9

## LIST OF PLATES

I. 2895
II. 2904; 2915
III. 2921; 2924; 2941
IV. 2929
V. 2930; 2932; 2933
VI. 2934
VIII. 2931; 2938; 2940; 2942

## NUMBERS AND PLATES

```
2895 I
29045 II
2915 II 
2924 III
2929 IV
2 9 3 0 ~ V ~
2 9 3 1 ~ V I I I ~
2932 V
```


## NOTE ON THE METHOD OF PUBLICATION AND ABBREVIATIONS

The method of publication follows that adopted in Part XXXVIII. As there, the dots indicating letters unread are printed slightly below the line; but the the dots indicating letters unread square brackets to estimate the number of lost letters are printed on the line. The texts are printed in modern form, with accents and punctuation, the lectional signs occurring in the papyri being noted in the apparatus criticus, where also faults of orthography, \&c., are corrected. Iota adscript is printed where written, otherwise iota subscript is used. Square brackets [ ] indicate a lacuna, round brackets () the resolution of a symbol or abbreviation, angular brackets < > a mistaken omission in the original, braces $\}$ a superfluous letter or letters, double square brackets $\llbracket \rrbracket$ a deletion, the signs " an insertion above the line. Dots within brackets represent the estimated number of letters lost or deleted, dots outside brackets mutilated or otherwise illegible letters. Dots under letters indicate that the reading is doubtful. Heavy Arabic numerals refer to Oxyrhynchus papyri printed in this and preceding volumes, ordinary numerals to lines, small Roman numerals to columns.
The abbreviations used are in the main identical with those in E. G. Turner, Greek Padpyri: an Introduction (1968). It is hoped that any new ones will be selfexplanatory.

## PUBLIC DOGUMENTS: THE CORN DOLE IN OXYRHYNGHUS, AND KINDRED DOGUMENTS

## 2992-2940. Corn Dole Archive

This group of documents reveals that a corn dole was distributed in Oxyrhynchus the reigns of Claudius II and Aurelian and adds significantly to the otherwise not . Cury. In the authoritative work on the Roman corn dole the Egyptian evidence was not considered and, though a definite statement about the third century was not made, it was implied that nowhere in the empire were there corn doles comparable with the Roman one until the time of Diocletian (D. van Berchem, Les distributions de ble t'argent a la plebe romaine sous l'empire, p. 102). The new evidence, however, show the Oxyrhynchite dole followed the Roman model closely. The same may well ave been true of those in Alexandria and Hermopolis.

## Alexandria and Hermopoli

For Alexandria our evidence is a passage of a paschal letter of Dionysius, bishop Alexandria, quoted by Eusebius ( $H E$ vii 21, 9). It refers to a time just after Gallienu ad recovered control of Alexandria from the supporters of Macrianus and Quietus and when plague as well as war had reduced the population of the city, that is, to A.D. 26I or not much later.





 єи́тато.
'Men wonder and debate . . . why (our) greatest city no longer bears in it as great total of inhabitants-beginning from infant children and inclucing the very oldestit once maintained of those whom it called "elderly" ( $\omega \boldsymbol{\mu} \boldsymbol{\prime} \epsilon \rho \rho \nu \tau \epsilon \epsilon$ ), but (on the conrary) the people of forty to seventy years of age were then so much more numerous hat nowadays an equal number cannot be made up when everyone from fourteen to eighty years of age is enrolled and mustered for the public corn dole, and the youngest looking have turned into the contemporaries, as itseems, of those who have long been old.

Wilcken took this to mean that a corn dole distributed originally to persons of rty to seventy years of age was widened to include everyone from fourteen to eighty ( 4 rchiv iv 54 ). The new por show that the arrangements for distribution depended C 8173
 Sociav. I take it to mean, therefore, that though it was necessary before the troubles to divide the population according to age for the distribution of the corn, afterwards persons of every age could be seen collecting the dole at the same time in the same place and their total number was less than had formerly been found in a single category, that of the $\omega \mu о \gamma \epsilon \rho о \nu \tau \epsilon c$.

The evidence for a dole in Hermopolis comes from a single document of the


 $=$ P. Lond. 955 , vol. iii pp. 127 seq.). Wilcken took this as a temporary measure as he did the very fragmentary reference to tesserae and corn of the first year of Claudius II which he cited from a Leipzig papyrus in the introduction to his republication of the London document as WChr. 425 (P. Lips. inv. $483=$ SB i $45^{14}$ ). ${ }^{\text {I }}$ The Alexandrian dole he visualized as standing and long established (Archio iv 546). In Oxyrhynchus the dole was a standing arrangement; the dates of the new papyri range from I Claudius $I I^{2}$ to 3 Aurelian $^{3}$ and the distribution was on a monthly basis.

Perhaps the most likely hypothesis is that all these doles were arranged in much the same way. The earliest date that we have is in the reign of Macrianus and Quietus, but this may easily be accidental and the Alexandrian evidence may imply the existence of a dole there before them. We have relatively very little information about what begins to bear the appearance of an institution widespread in the cities of Egypt. ${ }^{4}$

## Oxyrhynchus

It appears that these new documents all come from a single archive, probably from the records of the magistrates in charge of the dole. The slight doubt of their unity arises from the fact that though the inventory numbers indicate that the bulk of them were dug up during the third season of excavations at Behnesa, a few come from the first season and one from the fourth. The range of dates, however, is the same and some of the same documentary types occur in the pieces from the first and third seasons. The singleton from the fourth season (2923) is of the same period but of a type not occurring elsewhere in the group.

## Qualifications

## (a) $\dot{\epsilon} \pi \iota \kappa \rho \iota \theta$ év $\tau \epsilon \subset$

For receipt of the dole the usual basic qualification was the possession of a certain class of citizenship in Oxyrhynchus, expressed by the claim to have undergone scrutiny ${ }^{1}$ The provenance of the Leipzig scrap is unknown. The date of it suggests the obvious possibility that it is a stray from the present archive, and it is certainly to be compared with 2924 , see ibid. 6 n .
2 For the possible implication of a slightly earlier date see 2903 . ${ }^{3}$ Expressions of the form ' $x$ Claudius, II', '3 Aurelian', etc, are used th 'the first Graeco-Egyptian regnal year of Claudius II', 'the third Graeco-Egyptian regnal year of Aurelian', etc.
${ }^{4}$ Sce now below, 2941-2942, for new evidence of a dole-though perhaps a different sort of dolein Antinoopolis.
(ėтiкрисıc). There were two types of scrutiny that might be in question here, that for admission to the $\mu \eta \tau \rho \circ \pi \circ \lambda \hat{i} \tau \alpha l$, and that for admission to the more restricted class of oi $\epsilon \kappa$
 The Hermopolite applicant was of the $\dot{\alpha} \pi \dot{o} \gamma v \mu \nu a c i o v$ class, but one Oxyrhynchite describes himself in his application as a $\mu \eta \tau \rho \circ \pi \circ \lambda i \tau \eta c$ ( 2895 ii 5 ), which implies that the eligible class was the wider one. Nor are there any here who claim to be of the gymnasium class.

The number of recipients was limited. Places fell vacant by death and were filled by lot. If 2929 is rightly included here, the ideal number was 3,000 and the actual number in Payni of 2 Claudius II (May/June, A.D. 270) was slightly over 2,900.

The lottery was held annually at Rome in the time of Caesar (Suet. Jul. 4r, 'quotannis'). At Oxyrhynchus applications from persons who had been successful in the lot were submitted in the months Thoth, Phaophi, Tybi, and Mecheir, which might suggest that the lottery was held more often. On the other hand, since eligibility did suggest that the lottery was her depend at all on means, it likely that a proportion of recipients had no urgent need of an extra food supply. It is probably better to suppose, therefore, that those who entered their petitions in Tybi and Mecheir were simply slow to apply, see also 2894 ii i3 n., 2929 introd.

Citizens of Rome and Alexandria were also admitted to the dole and listed with the $\dot{\epsilon} \pi \iota \kappa \rho \iota \theta$ '́v $\epsilon \in \mathcal{C}(29273$ n.). Applications from Alexandrians refer to resolutions of the Oxyrhynchite city council which declared them eligible to share. No application from a Roman citizen domo Roma survives, but their case may have been the same. However, a Roman cizen the grain was the gift of the emperor (2898 io n.) and it is reasonable to wonder, theretheir real authority to him.

Part of the qualification of Alexandrians was residence ( $£ \subset \tau i a$, é申ф́cт兀ov) in Oxyrhynchus. It is uncertain whether this means permanent residence or not, see the divergent views in Braunert, Binnenwanderung, p. 25 n. 39, and Hombert-Préaux, Recensement, p. 67.

There is also a fragmentary application from a citizen of Antinoopolis (2917), but he claims to have done public service in Oxyrhynchus and this appears to be the ground of his appeal, see next paragraph. According to the Antinoite privileges he should have been exempt from public service in other cities, but voluntary liturgy by exempt persons is known (BASP vi (1969), pp. 20-1). An Alexandrian also applies on grounds of public service (2915).
(b) $\rho \in \mu \beta \circ \iota^{\prime}$

The other large category of persons entitled to the dole consisted of those who had performed a public service, the $\lambda_{\epsilon} \lambda_{\epsilon \iota \tau o v \rho \gamma \eta к o ́ \tau \epsilon c . ~ I t ~ a p p e a r s ~ t h a t ~ t h e s e ~ w e r e ~ n o t ~ m e r e l y ~}^{\text {. }}$ persons with the appropriate citizen rights ( $\epsilon \pi \tau \kappa \rho \imath \theta \in ́ \nu \tau \epsilon c$ ), whose service entitled them to receive the dole without taking part in the lottery for a place, but were admitted solely on grounds of public service without regard to hereditary rights. The normal applications for admission on grounds of public service do not mention citizen rights, though two, perhaps three, petitioners refer both to their epicrisis and to their public
service (2899, of. 2900 ; 2918). However another person described as ảveтíкрıтоc was admitted to this category (2908 iii). One application (2907 ii) from a liturgist whose name had been mistakenly omitted from the list uses the formula for enrolment in the place of a dead man, which is seen elsewhere only in the cases of é $\pi \tau \kappa \rho \iota \theta^{\prime} \nu \tau \epsilon c$. The place of the dead man was omitted and a space left for it was never filled, so that name of the dead man was omitted and a space left for it was never filled, so the
there is a strong probability that the formula was completely inappropriate here.
here is a strong probability that the formula was completely inappropriate here.
Freedmen were also admitted, but only, it seems, those who had performed a
 genitive; it is a less likely possibility that it means 'freedmen of those who have performed a liturgy'. Together the liturgists and the freedmen formed a group called the $\dot{\rho} \epsilon \mu \beta \circ$ ', which I have translated by 'sundries'.

The ideal number of the $\dot{\rho} \epsilon \mu$ ßot appears to have been nine hundred. This comes from a much damaged application (2908 iii), but it does seem clear that the petitioner
 -and the official subscription at the foot of the sheet runs: $\pi \alpha, \rho \epsilon \delta \epsilon \xi \alpha \dot{\beta} \mu \nu \bar{\epsilon} \nu[\tau \hat{\eta} \tau a ́] \xi \epsilon \iota$ $\tau \hat{\omega} \nu \dot{\rho} \epsilon \mu \beta \omega \nu$-'I admitted (him) in the category of the sundries.' One actual list of numbers of $\dot{\rho} \in \mu \beta$ oi from the various quarters of the city counts only six hundred and thirty five (2928 i). But another figure implies that in May/June, A.D. 270, there were about 750 of them, see 2929 I 8 n .

It seems to follow from the absence of the $\dot{\alpha} \nu \tau i \quad \tau o \hat{v} \delta \epsilon \hat{i} v \alpha \pi \epsilon \tau \epsilon \lambda \epsilon v \tau \eta \kappa o ́ \tau o c$ formula, except in the case mentioned above where the name was never added, that the lot did not apply to the $\dot{\rho} \epsilon \mu \beta$ oí. Probably a share in the dole was offered as an inducement to attract prospective liturgists or to console those appointed against their will. In respect of exemption from the lot the whole class of the $\dot{\rho} \epsilon \mu \beta o o^{\prime}$ is parallel to the freedmen at Rome (sch. Persius v 73). There the numbers were probably kept within manageable bounds by the residence requirement and by the legal restrictions on the granting able bounds by the residence requin (A Maff Freedmen pp, 72 seqq. Freedmen of full citizenship by manumission (A. M. Duff, Freedmen, pp. 72 seqq.). Freedmen of the inferior Latin status, called Latini Funiani, could acquire full citizenship by various
types of public service, specified in Gaius, Inst. $\mathrm{i} \S \S 32 \mathrm{~b}-34$. It may be that the classifica-

(c) о́ о́доуои
 the third and last category according to the terminology of the documents. Their ideal number was only one hundred and on one occasion the actual number was ninety-three ( 2928 ii). They are more fully described in a formulary as ó $\mu$ ódoyo
 admittedly liable for poll-tax and that they were of age to be promoted from the list of minors. I supposed at first that these were young boys who were qualified by birth and age but who had not yet undergone their epicrisis. However when one applicant who probably fell in this class made his application in I Claudius II (A.D. 268/9), he set his promotion from the list of minors in I Decius and Herennius (A.D. 249/50),
almost twenty years earlier. He does not describe himself specifically as ópódoyoc but
 a ( $\left.{ }^{\prime} \tau \epsilon \iota\right) \Delta \epsilon \kappa i \omega \nu$ ( 2913 ii $7-9$ ), which repeats the major part of the formulary's description of the $\delta \mu$ ódoyou. The most noteworthy fact about him is that he was illegitimate and therefore debarred from epicrisis. This is expressed by the phrase $\chi \rho \eta \mu a \tau i \zeta \omega \nu \mu \eta \tau \rho \dot{c}$ "Iceıroc, 'officially known by the name of his mother Isis', which precludes his fulfilling
 both of the metropolite class', cf. 1306, PSI x 1 109, 10 . The ó $\mu o ́ \lambda o \gamma o t$ therefore seem to be persons who were not qualified to share the corn dole by their citizen status, but who were admitted as a concession. The manner of their selection is not known. One may reasonably suspect that the mother at least was of the metropolite class.

The only applicant who is specifically said to belong to the category of the ó $\mu$ ódo $\begin{array}{r}\text { o }\end{array}$
 to be illegitimate, though this conclusion is based on the shortness of the lacuna between his name and his mother's. He claims to have been registered in the phylarch's record
 from Oxyrhynchus and reports his return in order to collect his dole.

## Procedures

The procedures for the distribution of the dole cannot be recovered in much detail but the allusions in the documents are sufficient to build up a general picture. The phylarchs were responsible for drawing up lists of eligible persons in their districts

 purpose they consulted the public records contained in the $\delta \eta \mu \circ c i a \beta \iota \beta \lambda \iota o \theta \eta^{\prime} \kappa \eta$. Before they were listed the applicants for the dole had to undergo a special screening process called סıáкрıcıc, which entailed the presentation of documentary evidence, in one case specifically a certificate of epicrisis and proofs of lineage ( $2898{ }^{1} 5^{-1} 7$ ). There are three other cases of the production of documents to support applications and these same documents may well have been produced again for the $\delta \iota a ́ k \rho \iota c \iota c$. An Alexandrian
 to reside in Oxyrhynchus, perhaps simply a certificate of actual residence there (2916) Another Alexandrian produced an extract from his nomination to an Oxyrhynchite (2915) And in the third case an Oxyrhynchite is ordered to produce $\tau$
 $\delta \iota a \kappa \rho \iota \tau \alpha i$, officials appointed by the city council (2913)

The successful candidates also had to answer to their names at a roll call, the avaropia. The conditions and the purpose of it are uncertain. Probably its main object was to prevent impersonation. It may also have been an opportunity for public objections to be heard. Every qualified person who had not yet been successful in the otterywould have an interest in preventing the admission of unqualified candidates. The
use of the present tense of $\hat{v} \pi \alpha \kappa \circ v=\omega$ in certain formulas indicates that the roll call took place regularly and involved not only the newly qualified applicants but all of them (2927 ig n.). There may have been a regular meeting for the distribution of tokens at which a roll call was taken. Or alternatively it may have been taken at a general business meeting of the citizen body and not have been concerned, or not primarily concerned, with the corn dole, though we should observe the wording of, e.g., 2913 ii


That distribution was based on a monthly ration is clear from the fragments of registers where each man's name is followed by a series of month names for keeping account of the distributions (2934-2937). The monthly ration may have been one artaba, because in 2908 iii it appears that nine hundred men receive nine hundred artabas. Professor Youtie has pointed out to me that this is an amount sometimes met with as a monthly allowance, drawing my attention to P. Mich. v 355 (duplicated in PSI viii 902) and 994; see also CPLat. I 36, PSI ix ro50 and, strikingly, SB X 10567
 references see the note on this passage in $C E$ xliv (1969), 321 -2.

At Rome the monthly allowance was five modii (van Berchem, Les distributions, p. 15). Because various types of artaba and modius were in use, it is hard to be sure of the relation between these two rations, but if one accepts the apparently reasonable assump-
 and that the modius was the one described in Egypt as the $\mu$ óooc 'Iтa入ıкóc, they were
 sextarii (Segrè, Metrologia, p. 35), while the $\mu$ ódoc 'Iта入єкóc contained exactly one fifth of that amount, $14 \frac{2}{5}$ Alexandrian sextarii (ibid. p. 37).

The distribution was managed by officials appointed by the city council (2918, 2924). In 2924 the distributors warned those who had received tesserae ( $\tau \alpha \dot{\alpha} \beta \lambda a \iota$ ) from them but had not yet collected their corn to present the tesserae immediately, because they had served their term of office and new distributors had been appointed. There is a clear implication in this that a tessera was a token to be produced in exchange for a certain quantity of corn, as in the Roman dole of the time of Augustus, cf. van Berchem, Les distributions, p. 85, citing Suet. Aug. 40. The terminology indicates that the distributors were liturgists of the curial class, appointed by the council probably for the usual annual term, and they address their warning only to $\tau o v v_{c} \pi \alpha \rho^{2} \dot{\eta} \mu \hat{\omega} \nu \tau \alpha \dot{\beta} \beta \lambda a c . .$. $\dot{\epsilon} \subset \chi \eta \kappa o ́ \tau \alpha c$. It is clearly implied that the tesserae were valid only for the term of the officials who issued them.

## Quarters and tribes

From the two calculations of area totals we may draw some tentative conclusions about the organization of the tribes and the quarters.

Both 2928 and 2929 list twelve areas. From the sum totals-2,928 for an ideal 3,0oo in 2929 and 93 for an ideal roo in 2928 ii-we may conclude that the calculations
were complete for the whole city and that the city was divided for this purpose into twelve areas. Since the number of quarters named in the papyri is more than twice that, see Rink, Strassen- und Viertelnamen, p. 52, some at least of the twelve areas will have included more than one quarter, and it will have been only for convenience that they were designated by the name of a single quarter.

It has already been established that an Oxyrhynchite $\phi v \lambda \eta^{\prime}$ consisted of ${ }^{\prime \prime} \mu \phi o \delta \alpha$ (e.g. Mertens, Les services, pp. 15, 24, 129), so that the question naturally arises whether these twelve areas correspond to the tribes, as might be suggested by the title of the

 ciov каì $\nexists \lambda \lambda \omega \nu \dot{\alpha} \mu \phi \dot{\delta} \delta \omega \nu$, cf. 1116 5-6; P. Flor. 39 4. That they do correspond to the tribes seems to be confirmed by 2930, which is a piece from the beginning of a list of recipients, compiled by a person described as $\gamma \in \nu \circ \mu \epsilon \in[$ [vov $\phi v \lambda \alpha ́ \rho \chi o v]{ }^{3} \phi v \lambda \hat{\eta} c \Delta \rho o ́ \mu o v$ Đoŋ́pıठoc каi $\Lambda v[\kappa i \omega \nu$ (Пap $\epsilon \mu \beta \circ \lambda \hat{\eta} c$ ?). This evidence, together with the separate responsibility of the phylarchs for compiling the registers of corn dole recipients in this archive, strongly inclines me to think that these areas are equivalent to tribes and that there were twelve tribes at this period.

The Oxyrhynchite tribal system is imperfectly understood, but we know from the document published in TAPA xcix (1968), pp. 259-63, and from three others to be published along with a reprint of it in a forthcoming volume, that it began in A.D. 206/7 with six tribes, each of which provided public servants for a year in rotation till A.D. 229/30. In the next three years A.D. 230/I-232/3 the tribes acted in pairs. A little later we find a nine-year rotation period in effect, at least between A.D. 244/5 and A.D. $253 / 4$ (1119). Nothing more is known except that there were at least three tribes in the reign of Aurelian ( 1413 12, I3) and that a tribal system continued as late as A.D. 396 (P. Flor. 39). If PSI 86 is from Oxyrhynchus there were at least sixteen tribes c. A.D. 367-75.

It is rather uncertain how much support the evidence in this archive provides for the view that the Roman corn dole was organized on the basis of the Roman tribes, see 2928 introd. and below, pp. 14 seq.

## The phylarch in Oxyrhynchus

This official has been well investigated by Professor Mertens, Les services, pp. 16-30. At the time of his work, however, there were no dated mentions of the phylarch between A.D. 254 and the appearance of his successor the systates (A.D. 287, Mertens, p. 19). These papyri, together with P. Wis. 2 (Aurelian; see BASP iv 34, $C E$ x xiv (1969), pp. 134-8) and 2764 (Probus), fill that gap to some extent.

One additional point of importance emerges. The phylarch was thought to function only in years in which his tribe had the duty of providing public servants (Mertens, pp. 22-4). From this archive it is clear that even in years in which his tribe was not serving the phylarch was responsible for keeping records, at least of the corn dole. In
this situation, however, he called himself an ex-phylarch, see e.g. 2930 2, where the corn dole list of $\dot{\rho} \epsilon \mu \beta$ ó is submitted by a $\gamma \epsilon \nu o ́ \mu \epsilon \nu \circ c$ фúda $\rho \chi$ oc. A subscription to 2908 ii may even indicate that they acted together as a college. It runs ( $3 \mathrm{I}-4$ ) $\pi$ a oóv $\tau \omega v$
 Oxyrhynchus collegiate activity is attested for phylarchs (P. Eitrem 6=SB 7375; Hermopolis?) and for their successors the systatae (P. Beatty Panopolis i 180, 195, 338). In 2908 ii , however, it is possible that there is a mistake for $\tau o v{ }^{2} \phi u \lambda \alpha{ }^{\prime} \rho \chi(o v)$. The $\gamma \nu \omega c \tau \hat{\eta} \rho \in c$ can remain in the plural: compare the two subscribing to 2892 i 28 -30.

## The Roman dole

Perhaps the most important aspect of the new archive is the possibility which it affords of confirming or correcting our views of the Roman corn dole. There can hardly be any doubt that the Oxyrhynchite dole is modelled closely on the Roman system. As in Rome the basic qualifications are citizenship and residence, freedmen are admitted, the distributions are calculated by the month, probably at the same rate, and controlled in some way by tokens. It is regarded as a gift from the emperor, as in Rome at least from the time of Severus.

There are local differences, as we might expect. We know of nothing in Rome to correspond to the $\lambda \in \lambda \epsilon \iota \tau o v \rho \gamma \eta \kappa o ́ t \epsilon c$ and the $\dot{\delta} \mu o ́ \lambda o \gamma o l$ and there is so far nothing to suggest that children could draw the Oxyrhynchite dole, a puzzling aspect of the Roman system. But the resemblances are more important. It is very clearly confirmed, for instance, that the doles were not a provision for the very poor, but a perquisite of the already privileged middle classes of the cities, as in Rome. On the other hand there is no sign that the dole was available to the city councillors or magistrates, and we may probably conclude from the Roman situation that it was not.

The received view of the lottery is the first one which seems to need modification. Van Berchem concluded (p. 27) that the fixed number of recipients and the lottery for places did not last beyond Caesar's reform of the dole as described in Suet. Ful. 4 I . The passage runs : recensum populi nec more nec loco solito sed vicatim per dominos insularum egit; atque ex viginti trecentisque milibus accipientium frumentum e publico ad centum quinquaginta retraxit; ac ne qui novi coetus recensionis causa moveri quandoque possent, instituit, quotannis in demortuorum locum ex iis qui recensi non essent subsortitio a praetore fieret. 'He held a registration of the people not in the usual way or in the usual place, but street by street through the landlords, and reduced the number of persons receiving corn from the state from $3^{20,000}$ to 150,000 . To prevent the calling of future meetings for registration at any time he also laid it down that a lottery for the places of the deceased should be held by the praetor every year among those who had not been enrolled.'

The Oxyrhynchite regulations for the compilation of lists by the phylarchs according to districts and for the control of the numbers by lottery are clear reflections of Caesar's. It is hard to believe that the Oxyrhynchites would imitate regulations that had gone out of use at Rome by the date their dole was established. Of course that date is not known,
but snce our evidence is confined to the second half of the third century it would be implausible to set it as early as the reign of Augustus, who is supposed to have abolished the subsortitio. In fact it is hard to resist the conclusion that an institution so intimately connected with the Roman citizenship as the corn dole could not have spread beyond a con the the city before the constitutio Antoniniana.
in Rome well into the imperial period.

Because there is no actual mention of the subsortitio except in connection with Caesar's reform van Berchem explained away the two passages which imply its continuance in

 frumentaria, which was unlimited, at 200,000.' Xiphilinus seems to contradict Suetonius when he says that the number had been unlimited before, but we can probably rely on the statement that in Augustus' time the number was fixed, which implies a lottery.

The second passage occurs in Pliny's panegyric on Trajan (ch. 25) and refers to a congiarium issued in A.D. 99. It is known that congiaria were distributed to the plebs frumentaria only, see van Berchem, pp. 127-1 30, citing especially Fronto, Princ. hist. 18: congiariis frumentariam modo plebem singillatim placari ac nominatim etc. The passage of Pliny runs: datum est his, qui post edictum tuum in locum erasorum subditi fuerant, aequatique sunt ceteris illi etiam, quibus non erat promissum, 'It was given to persons who had been whatituted in place of those whose names had been erased and even those to whom it had not been promised were made equal with the rest.' Van Berchem claimed that the number of the additional names need not have equalled the number of those erased. His argument (p. 29) is that if the number was fixed, Trajan's generosity in giving to those enrolled between the announcement of the congiarium and its distribution would not have been great enough to merit Pliny's praise. But we should note that on a similar occasion Augustus did not admit the newly enrolled. Suetonius' words are quite parallel with Pliny's: negavit accepturos quibus promissum non esset (Aug. 42, 2). Augustus' reason was that many new freedmen, to whom the lot did not apply, see below, pp. I I seq., had been admitted to citizenship expressly to collect the money for their patrons. Clearly Trajan's generosity was worthy of some remark, and he may have broken a custom established by Augustus. For his panegyric Pliny naturally chose to praise Trajan's benefaction as it applied to citizens rather than freedmen.

It seems to me that the words 'in locum erasorum' imply very strongly that the number of new recipients, excluding freedmen, had to be the same as the number of the dead, and that the new evidence from Oxyrhynchus justifies us in believing that the lottery for places was a standing feature of the Roman dole.

The archive also gives us reason to reconsider the function and form of the tesserae in the Roman dole. The context of the single mention of them, under the name of $\tau \dot{\alpha} \beta \lambda \alpha \iota$,
${ }^{1}$ There is now evidence of a corn dole distributed in Antinoopolis in the period A.D. ${ }^{1} 66-9$, see 2941 -2942 introd and p. 117 n. I, but it is still not known whether it was organized on the Roman model or on a Greek one
is enough to make it clear that they were tokens or coupons to be exchanged for a quantity of corn and that their validity lasted only as long as the term of the officials who distributed them (2924, see above, p. 6). In Augustus' time they were coupons too, as we learn clearly from Suetonius' account of the emperor's unsuccessful attempt to simplify the administration of the dole by distributing tesserae for a four months' supply three times a year (Aug. 40).

According to van Berchem's account, pp. 87-8, it was before the end of the first According to van Berchem's account, pp. $87-8$, it was before the end of the first
century after Christ that the tessera changed into an identity document which was retained permanently by the person named in it and presented at the porticus Minucia on a fixed day in the month and at a fixed counter (ostium).

Once again, therefore, the conditions in Oxyrhynchus seem to reflect an early state of the corn dole in Rome and not a late one. We are faced with the three-fold choice of believing that the Oxyrhynchite corn dole was instituted before the end of the first century and that it preserved, until the second half of the third century, conditions that soon changed at Rome; or that it was founded nearer to the period for which we have evidence and reflected contemporary conditions at Rome; or that it was founded late but used an early Roman set of regulations. I continue to find the hypothesis that it was founded relatively late and in imitation of the contemporary Roman dole the most probable one, certainly probable enough to justify doubting the change in the function of the tessera.

The theory that the tessera was a document like an identity card goes back to Rostowzew, though he had the best of both worlds by supposing that the earlier tokens continued in use under the same name, e.g. Röm. Bleitesserae, pp. 16 seq., $38, R E$ vii 179 . It rests on the following four passages of the Digest that speak of the buying and bequeathing of the tessera:
xxxi 49, 1. Si Titio frumentaria tessera legata sit et is decesserit, quidam putant exstingui legatum, sed hoc non est verum, nam cui tessera vel militia legatur, aestimatio videtur legata (Paul). 'If the tessera frumentaria is bequeathed to Titius and he dies, some people think that the legacy is extinguished, but this is not true, for if anyone is left the tessera or a post in the public service it is as if he were left the monetary value of it.'
xxxi 87 pr. Titia Seio tesseram frumentariam comparari voluit post diem trigesimum a morte ipsius: quaero, cum Seius viva testatrice tesseram frumentariam ex causa lucrativa habere coepit, nec possit id quod habet petere, an ei actio competat. Paulus respondit ei, de quo quaeritur, pretium tesserae praestandum, quoniam tale fidei commissum magis in quantitate quam in corpore consistit. 'Titia wished that the tessera frumentaria should be bought for Seius after thirty days from her own death. I put the question whether, in the event that he begins to hold the tessera during the lifetime of the testatrix by paying for it, an action is available to him, since he cannot claim the privilege which he already holds. The response of Paul was that the cost of the tessera should be given to the person concerned in the question, because the substance of such a trust lies more in the value than in the nature of it.'
xxxii 35 pr. Patronus liberto station tribum emi petierat: libertus diu moram ab herede patroni passus est, et decedens heredem reliquit clarissimum virum: quaesitum est an tribus aesti-
matio heredi eius debeatur. respondit deberi. idem quaesivit an et commoda et principales liberalitates, quas libertus ex eadem tribu usque in diem mortis suae consecuturus fuisset, si ei ea tribus secundum voluntatem palroni sui tunc comparata esset, an vero usurae aestimationis heredi eius debeantur. respondit quidquid ipse consecuturus esset, id ad heredem sum transmittere (Scaevola). 'A patron had required that a (place in a) tribe should be bought for his freedman immediately. The freedman was subjected to a long delay by his patron's heir and died leaving a senator as his heir. The question was put whether the value of the (place in a) tribe is owing to his heir. (Scaevola's) response was that it was. The same person inquired whether there were also owing to his heir the advantages and the principal largesses which the freedman would have obtained from the same tribe up to the day of his death, if (a place in) that tribe had been bought for him at the time in accordance with his patron's will, and indeed whether the interest on their value was owing. The response was that the man passed to his heir whatever he would have obtained himself.,
v I, 52, I Si libertis suis tesseras frumentarias emi voluerit, quamuis maior pars hereditatis in provincia sit, tamen Romae debere fidei commissum solvi dicendum est, cum apparet id testatorem sensisse ex genere comparationis (Ulpian). 'If a man wills that tesserae frumentariae be bought for his freedmen, even if the greater part of the estate lies in the provinces, still it must be stated that the trust is to be executed at Rome, since it is apparent from the nature of the provision that that was the testator's intention.'

It seems to me that in these cases the word tessera is used as a simple and intelligible metaphor for the right to draw the corn dole. One of the above passages uses instead of 'tesseram emere' the expression 'tribum emere', which may mean exactly the same thing, see Cardinali in Diz. Epigr. iii 269-71. Whether it does or not, the usage is metaphorical and seems to me to supply a good parallel to 'tesseram emere'. 'To buy the tribe' means to buy a place in a tribe, more particularly to buy the advantages of belonging to a tribe, as the text goes on to specify: commoda et principales liberalitates quas libertus ex eadem tribu . . . consecuturus fuisset. There seems no need at all to suppose that the tessera changed its nature.

But even on this interpretation of tessera the allusions to buying and bequeathing the right to the corn dole are hard to understand, because they seem to contradict what we already know of the qualifications for it. Van Berchem believed that the state sold the right to citizens newly settled at Rome (pp. 49-53). It seems to me that this is inconsistent with the operation of the lot and would represent a diminution of the privileges of the citizens born in Rome too serious to be passed over in silence. The lot, however, did not apply to freedmen, as we see from the scholia to Persius, Sat. v 73 : Romae autem erat consuetudo ut omnes qui ex manumissione cives Romani fiebant in numero civium Romanorum frumentum publicum acciperent. The tense of the verbs and the prominent position of 'Romae' tend to show that this comment is late and provincial, but the fact is confirmed by passages where it is alleged that Romans freed their slaves in order to take advantage of the doles that freedmen received (Suet. Aug. 42, 2; Dion. Hal. Ant. Rom. iv. 24, 5).

Two of the Digest passages specifically relate to frcedmen (v I, 52 , 1 ; xxxii 35 pr.), and in the other two (xxxi 49, I; xxxi 87 pr.) there is no obvious obstacle to supposing that the legatees were freedmen, on whom the patron could confer a status that automatically entitled them to the dole. This could be done by will and in that sense the tessera, the right to the dole, could be bequeathed. The question of buying the right to the dole arose only, I suggest, when the freedman had Latin status to begin with. He could acquire full citizen rights by certain public services (Gaius, Inst. i $\S 32 \mathrm{~b}-34$ ), which resolve themselves into a question of money. If the patron could provide capital enough to do one of these services, he could in effect buy his freedman citizen status with the unconditional right to the dole. Similarly in the second Digest passage (xxxi 87 pr.) I suggest that the freedman himself 'bought' the right by way of public service before the death of his patroness, who had left money for this purpose in her will.

In xxxii 35 pr. the object of the purchase is not the tessera but the tribus. From which Mommsen concluded that in the principate a place in one of the thirty-five Roman tribes could be bought by or for a freedman ${ }^{1}$ and this place, together with his status as a freedman and official domicile at Rome, entitled him to a share in the dole status as a freedman and official domicile at Rome, entitled him to a share in the dole hower, certain that this is right: the liberalitates need not include the state corn dole. If it is right, it may be only another way of referring to the process suggested above, with the emphasis laid on the tribal affiliation of a full citizen, and perhaps with the implication that the Roman dole was somehow organized by tribes, see below, pp. 14 seq.

The purchase of a place in a tribe perhaps has its counterpart in Oxyrhynchus, where it seems that only freedmen who had performed a liturgy were entitled to where it seems that only freedmen who had performed a liturgy were entited the of the Oxyrhynchite tribes was to provide liturgists during the year that the tribe had its turn in office. It seems quite possible that for a freedman there the performance of an expensive liturgy was the equivalent of buying a place in a Roman tribe for a freedman at Rome.

Juvenal advised a teacher of declamation to change his job 'summula ne pereat qua vilis tessera venit frumenti' (Sat. vii 174 seq.). I would agree with van Berchem (pp. 52-3) that this refers to a nest-egg from which the man hoped to buy the right to the corn dole rather than to the purchase of the use of tesserae. I conclude that the man was a freedman, but I can see no corroboration from the rest of the satire.

These are admittedly speculative interpretations of the puzzling Digest passages, but they do at least provide a reasonable explanation for the references to the inheritance and purchase of the right to the corn dole without contradicting what we know about how the right could be acquired by the ordinary citizen. The important point is that these passages do not actually describe the tessera as a sort of identity document and do not necessarily imply a tessera of that sort.

There is still great uncertainty about the form of the tesserae. Rostowzew thought ${ }^{\text {I }}$ Mommsen may mean to include also other 'persons of low degree'-'Personen niederen Standes'. If so, I would disagree. The passage in question specifies freedmen.
that they could be identified with some of the many types of bronze and lead pieces shaped like coins, particularly with those carrying devices suggesting a connection with the corn supply, such as the modius or ears of corn (Röm. Bleitesserae, pp. 1-4). Van Berchem rejected this interpretation of the metal pieces, explaining them as counters for use with an abacus (Rev. Num. 1936, pp. 297 seqq.). He suggested that the tesserae were wooden rectangles, later diptychs, and claimed to find them represented on certain coins and works of art (Les distributions, pp. 92-5).

If van Berchem is right, there is some hope of finding a wooden tessera surviving in Egypt, but so far there is nothing that I can discover that could be a tessera of the sort he envisages.

If Rostowzew is right, some of the lead tokens from the Egyptian nome capitals, which often do indeed bear suitable devices such as Nilus, Euthenia, a reaper, ears of corn, may be the tokens used in the Graeco-Egyptian corn doles (Num. Chron. I 908, pp. 287-310; 1930, pp. 300-15; Ancient Egypt, 19I5, pp. 107-20). However these have been taken by J. G. Milne to be coins made locally to supply the general lack of small change, and this explanation certainly holds good for such few of them as bear an indication of monetary value, e.g. $7 E A$ xxi (1935), pp. 213-14 and pl. xxvi i-6.

The Palmyrene inscriptions on two lead tokens of Zenobia from Antioch are doubtfully interpreted as meaning 'grain', which may possibly be relevant (Comte du Mesnil du Buisson, Les tessères . . de Palmyre, pp. 757-8).

One puzzling piece of our information about the Roman dole becomes even more suspect when compared with the Oxyrhynchite documents, namely the statement in Suet. Aug. $4^{\mathrm{r}}$ that the age of entitlement was at one time ten. Suetonius says that Augustus admitted children to the congiaria, and consequently to the dole, see above, p. 9, which previously could not be drawn 'nisi ab undecimo aetatis anno'. In Rome as in Oxyrhynchus the fundamental qualification was citizenship. In Oxyrhynchus a boy became a citizen after undergoing epicrisis in his fourteenth year; in Rome he became one after assuming the toga virilis at an age which varied in practice, but which was sometimes set conventionally by the jurists at fourteen (van Berchem, p. 33; see Ulpian, fr. II, $28=$ FIRA ii p. 276).

I hope it will not seem unreasonable to suggest, therefore, that the figure in Suetonius has been corrupted from one that represented the age of majority, most probably 'quarto decimo'. There are two ways in which the corruption might easily have occurred. The one that first suggested itself to me was a misreading of the four minims of the form 'iiiii decimo' as 'un'. It is notoriously easy to misread these minims, to confuse, for example, nimis and minus. A simpler alternative and perhaps on that account a better one was suggested to me by Dr. M. Winterbottom, that is, that the form 'xiv" might have lost its last element.

So emended the passage of Suetonius can be matched with Dio Cassius li 21, 3:



There are two alternatives to emending Suetonius' text; namely, to continue to suppose that the two passages refer to the same occasion and that by the phrase of ecc äv $\quad \delta \rho a c \tau \epsilon \lambda \hat{v} \nu \tau \epsilon c$ Dio means boys above the age of ten, or to suppose that there were two stages by which Augustus admitted first boys from ten to the age of maturity and afterwards those below ten. Neither of these is wholly impossible, but much complication is avoided if we replace 'undecimo' with a figure for an age that can credibly be


The archive also raises, somewhat remotely, the debated question whether the Roman dole was organized on the basis of the thirty-five tribes (For: Mommsen, Staatsrecht iii 444, cf. 195; Cardinali, Diz. Epigr, iii 269-71. Against: Hirschfeld, Philologus 1870 , p. I3. Undecided: Rostowzew, $R E$ vii 182 ). For the Oxyrhynchite dole the evidence discussed above seems to indicate that the lists drawn up by the phylarchs were done on the basis of twelve tribes, see pp. 6-7. CIL vi Io2rI, quoted in 2928 introd., resembles 2928 and 2929, a fact which may support Mommsen's restoration of it as a list of numbers of tribesmen entitled to the corn dole.

Gifts to the people could be distributed by way of the tribe. Augustus is said to have distributed the proceeds of the sale of Caesar's estate to the фúdapरou (Appian, $B C$ iii 23 ). The empress Eusebia distributed largesse in Rome in A.D. 357 to $\tau \bar{\omega} \nu$ фu入へ̂v roîc छ̇тuctátauc (Julian, Or, iii 12gC-D). Compare Suet. Aug. ior and Tac. Ann. i 8 on Augustus' bequests to the people.

In Digest xxxii 35 pr., quoted above, pp. 10-II, the liberalitates which a freedman might receive after being enrolled in a tribe have been held to include the state corn dole because of wording similar to the other passages concerning tesserae frumentariae, but it is not absolutely necessary to accept this; the word can quite well refer only to private acts of generosity.

In Persius v 73 seqq. the tribe name which appears prominently may be taken to indicate that the tribe played a special part in the dole.
libertate opus est. non hac ut quisque Velina ${ }^{1}$
Publius emeruit scabiosum tesserula far
possidet.
'There is need of freedom. Not the sort we have nowadays when any nonentity in the Velina tribe who has served his time (as a slave?) can get the mouldy corn with a free ticket,'

But the inference does not need to be drawn. The praenomen and tribe may stand there merely to indicate that only the freedman with full citizen rights could draw the dole.
${ }^{1}$ In view of the connection that I have suggested between the tribe and the possibility of gaining full citizenship by public service (above, p. I2), it is very tempting to emend the text to 'Velinam... emeruit' and translate 'who has earned (a place in) the Velina tribe', i.e. by public service. But the whole subject is too uncertain to justify any confidence about altering the text.

Similarly the inscription proudly claiming 'tri[bu] $m$ ingenuam, frumentum $[$ publ $]$ icum' falls short of proof (CIL vi 10220). The Oxyrhynchite evidence too falls far short of proof, but its tendency is to reinforce the implications that at Rome the tribe was a factor in the organization of the lists of recipients, see above, pp. 6-7.

It has been suggested by G. Raffo in an article on the distribution of provisions in third-century Rome (Giornale Italiano di Filologia iv (1951), pp. 250-5) that the corn dole ceased to be distributed at Rome some time after Alexander Severus and was eventually replaced by Aurelian's dole of bread (Zos. i 6 I ; SHA Aur. 35, 1; 47, I-2). The new documents from Oxyrhynchus have nothing positive to say on this, but one might reasonably argue that the abolition of the original Roman dole would have been likely to lead to a speedy end to its poor relations in Egypt.

## The chronology

This archive has produced about thirty date clauses in the reigns of Claudius II and Aurelian. One contains the earliest known date for Aurelian, which turns out a surprise in itself, but the greatest importance lies in the five dates early in the first year of Claudius II, which are, like some already known particularly from the Strasbourg papyri, very hard to fit into a coherent scheme for the two reigns.

For convenient consultation a table of the dates of the new documents is put first. Each item is given a number in chronological order for easy reference within this section (Table I overleaf).

The problem of the period is that there appear to be too many Egyptian regnal years for the available Julian years. If one puts the evidence apparently available from all the papyri into a scheme, working forward from the regnal years of Gallienus for which the Julian equivalents are firmly established, one reaches this result:

$$
\begin{aligned}
\text { 15 Gallienus } & =267 / 8 \\
\text { 16 Gallienus } & =268 / 9=1 \text { Claudius } \\
& 269 / 70=2 \text { Claudius } \\
\text { I Aur. \& Vab.; I A. } 4 \text { V. } & =270 / \mathrm{I}=3 \text { Claudius } \\
\text { 2 Aur. } 5 \text { Vab. } & =271 / 2 \\
3 \text { Aur. } & =272 / 3 \\
4 \text { Aur. } & =273 / 4 \\
5 \text { Aur. } & =274 / 5 \\
6 \text { Aur. } & =275 / 6 \\
7 \text { Aur. } & =276 / 7
\end{aligned}
$$

But Aurelian's successor Tacitus, whose short reign was contained within a single Graeco-Egyptian year, was consul ordinarius as emperor in Jan., A.D. 276 , and consequently ${ }_{1}$ Tacitus ( $=7$ Aurelian $=1$ Probus) must be A.D. 275/6, not A.D. 276/7.

The explanation which passes current was set out by A. Stein in Archiv vii (1924), pp. 30-5I, depending heavily on the work of Grenfell and Hunt in P. Oxy. xii (1916),

| Table I |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Item number | Year | Month Claudius II | Day | Publication number |
| I | I | Tybi (Dec./Jan.) | 4 | 2901 |
| 2 | I | Mecheir (Jan./Feb.) | 25 | 2913 ii |
| 3 | I | Mecheir | lost | 2913 iii |
| 4 | (r) | Mecheir | lost | 2914 i |
| 5 | I | Mecheir | lost | 2914 ii |
| 6 | 2 | Thoth (Aug./Sept.) | 27 | 2892 i |
| 7 | 2 | Thoth | damaged | 2892 ii |
| 8 | 2 | Thoth | 28 | 2893 i |
| 9 | 2 | Phaophi (Sept./Oct.) | not given | 2892 i |
| ıо | 2 | Phaophi | not given | 2892 ii |
| II | 2 | Tybi (Dec./Jan.) | 19 | 2894 ii |
| 12 | 2 | Tybi | 19 | 2895 ii |
| 13 | 2 | Mecheir (Jan./Feb.) | not given | 2894 iii |
| 14 | 2 | Payni (May/June) | not given | 2929 |
| 15 | 2 | not given | not given | 2895 i |
| 16 | lost | Phaophi (Sept./Oct.) | lost | 2896 |
| , ${ }^{\text {a }}$ 'Interregnum' |  |  |  |  |
| 17 |  | Hathyr (Oct./Nov.) | damaged | 2907 i |
| 18 | " | Hathyr | damaged | 2907 ii |
| 19 | " | Hathyr | 6 | 2906 ii |
| Aurelian and Vaballathus |  |  |  |  |
| 20 | $\mathrm{I}^{1}$ | Choeac (Nov./Dec.) | 11-19 | 2921 |
| 21 | $\mathrm{I}^{1}$ | Tybi (Dec./Jan.) | not given | 2908 ii |
| 22 | $\mathrm{I}^{1}$ | lost | lost | 2898 |
| 23 | $\mathrm{I}^{\text {r }}$ | not given? | not given? | 2908 iii |
| 24 | 2 \& 5 | Tybi (Dec./Jan.) | not given? | 2936 |
| 25 | 2 \& 5 | Pharmouthi (Mar./Apr.) | 22 | 2904 |
| 26 | lost | lost | lost | 2916 |
| 27 | lost | lost | 26 | 2906 |
| 28 | lost | Tybi (Dec./Jan.) | 15 | 2922 |
| 29 | 3 | Aurelian <br> Payni (May/June) | 30 | 2902 |

I A separate figure for the reign of Vaballathus is not included in these papyri. His titles are given in the form usual in later documents where the regnal year number precedes them. Similarly there are mong the Alexandrian coins some of I Aur. and Vab. and some of I Aur. 4 Vab. (Vogt, Die alex. Münzen ii 160).
pp. 229-35. It is that the date of Claudius' accession was actually shortly before 29 August, A.D. 268, on which date by the usual and official system his second Egyptian regnal year began. Because the news was not known in the remoter parts of Egypt until after 29 August, the theory runs, the scribes of the Strasbourg papyri reckoned A.D. 268/9 as I Claudius instead of 2 Claudius and in order to avoid confusion in their rent receipts carried this system through into the reign of Aurelian, giving him only six years. Further, since in 1208, a document of A.D. 291, it is plainly stated that the second year of Claudius became the first of Aurelian, he suggested that a third reckoning, also unofficial, might have been in use. I reproduce his table from Archiv vii 37.

Table II

|  | $c$ | $a$ | $b$ |
| :---: | :--- | :--- | :--- |
| $266 / 7$ | 14 Gallienus | I4 Gallienus | I4 Gallienus |
| $267 / 8$ | I5 Gallienus | I5 Gallienus <br> I Claudius | I5 Gallienus |
|  |  |  |  |
| $268 / 9$ | 16 Gallienus | 2 Claudius | I6 Gallienus |
|  | I Claudius |  | I Claudius |
| $269 / 70$ | 2 Claudius | 3 Claudius | 2 Claudius |
|  | I Aurelian | I Aurelian |  |
| $270 / 1$ | 2 Aurelian | 2 Aurelian | 3 Claudius |
|  |  |  | I Aurelian |
| $275 / 6$ | 7 Aurelian | 7 Aurelian | 6 Aurelian |
|  | I Tacitus | I Tacitus | I Tacitus |

a. Official: coins and most papyri. b. P. Strasb. 7 (2 payments for 15 Gall., 2 for I Claudius, 2 for 2 Claudius, I for 3 Claudius) ; P. Strasb. 10 (I Claudius, Phaophi); P. Strasb. 11 (I Claudius,


This complicated scheme can be accepted only if there is very good evidence for it. The most disturbing part of it is the premiss that at the beginning of a new reign the numbering of the years might depend on the time the news reached any particular place. By this method the Delta might be dating by year 2 while the Thebaid dated by year I simply because of the time the news would take to travel up the Nile. My premiss is that everyone in Egypt dated from the emperor's dies imperii and that no one invented a date for himself. Officials dated in accordance with instructions and the rest of the population followed their practice. Dates by dead emperors are possible because of the time taken by news to travel and indeed they are well attested, see, e.g., Klio xxi (1927), p. 80, but once the news had officially arrived one must presume that the proper method was followed, barring error. It was always improbable that an aberrant system should have been adopted and allowed to continue into the reign of c 8173

Aurelian. Now that Oxyrhynchus has produced dates early in Claudius' first year, impossible in Stein's 'official' system and just like the 'unofficial' dates in the Strasbourg papyri, it is time to examine the evidence again.

Before we can move forward we must be certain that the chronology of the previous reign is firmly based. Stein's theory was attacked at this point by Mattingly, who maintained that the reign of Valerian and Gallienus began shortly before 29 August, A.D. 253 and that consequently their Graeco-Egyptian year numbers should all be put back by one. ${ }^{\text {I }}$ Quite properly Stein's view has prevailed. The most important and unambiguous pieces of evidence are three, 1476,1563 , and 1201. The first two are horoscopes which give astronomical proof that I Macrianus and Quietus ( $=8 \mathrm{Gal}$ lienus) was A.D. 260/1 and that 6 Valerian and Gallienus was A.D. 258/9. By giving a consulship as well as a regnal year 1201 confirms that 6 Valerian and Gallienus was A.D. 258/9. A papyrus from Oxyrhynchus, soon to be published as 2951, adds its statement that 3I May in the consulship of Paternus and Arcesilaus, A.D. 267 , fell in 14 Gallienus, which was consequently A.D. 266/7.

On that basis, then, we may take the first step forward and examine the relationship between the reigns of Gallienus and Claudius II, beginning with the evidence for the extent of Claudius' first year.

The first five items in the above table of the new Oxyrhynchus papyri show that it ran at least from 30 December to 19 February, and from the other papyri of the first year (table III below) we can extend that period in both directions. It ran at least from I6 October to 21 May. This year therefore cannot be the same as 15 Gallienus, which began on 30 August, ${ }^{2}$ A.D. 267 and is attested on 20 March, A.D. 268 (P. Strasb. 7, I6). A short year 16 Gallienus is mentioned in two ${ }^{3}$ papyri, P. Flor. 265 (Thoth $21=$ 18 September, A.D. 268) and P. Tebt. 581 (Phaophi $I^{4}=28$ September, A.D. 268). This will fit just before and in the same Graeco-Egyptian year as I Claudius, A.D. 268/9, and this relationship is strongly supported by P. Strasb. II, which gives two dates in Phamenoth (Feb./March), i Claudius, and refers to 'the produce of the past I5th year'.

Here is a table of the papyri of I Claudius, omitting the five new items from Oxyrhynchus, for which see Table I.
I The controversy continued over several years: Mattingly, Num. Chron. 1924, p. in9, JEA xiii (1927), pp. 14-18, xiv (1928), p. 19; Stein, Archio viii (1927), pp. 11-13, feA xiv (1928), pp. 16-18. Cf. on the same topic Milne, $\mathcal{F} E A$ xiv (1928), pp. 20-r, and Tait, Archiv vii (1924), p. 224.
${ }_{2}$ In the year preceding the Julian leap year the Graeco-Egyptian year began one day later than usual after an extra intercalary day.
 of 16 Gallienus, Phaophi 1, and P. Strasb. 10 of I Claudius, Phaophi I9) indicates that in the Fayum the change from Gallienus to Claudius took place in Phaophi, the month before Hathyr. See plate iii ibid. for the poor state of the papyrus at this point. Professor Schwartz very kindly supplied me with a new photograph and examined the papyrus again for me. He suggests the revised reading
 day number may be $i \beta$, since
4 See $P$. $O x y$. xii p. 233 .

Table III

| Reference | Month | Day | Conversion |
| :---: | :---: | :---: | :---: |
| P. Strasb. 10, 23 | Phaophi ${ }^{1}$ | 19 | 16 Oct., A.D. 268 |
| P. Strasb. 7, I7 | Hathyr | 9 | 5 Nov., A.D. 268 |
| P. Strasb. inv. <br> P. gr. 1207, ${ }^{2} 27$ | Choeac | not given | 27 Nov.-26 Dec., A.D. 268 |
| P. Strasb. inv. $\text { P. gr. } 1197,{ }^{3} 4$ | Choeac ${ }^{4}$ | not given | 27 Nov.-26 Dec., A.D. 268 |
| P. Strasb. II, 7 | Phamenoth | 7 | 3 Mar., A.D. 269 |
| P. Lips. inv. $483^{5}$ | (Phamenoth) | (10) | 6 Mar., A.D. 269 |
| P. Strasb. II, 15 | Phamenoth | 14 | 1o Mar., A.D. 269 |
| P. Strasb. 7, I8 | Phamenoth | 30 | 26 Mar., A.D. 269 |
| P. Ryl. IIT, 29 | Pachon | 17 | 12 May, A.D. 269 |
| P. Ryl. II7, 4 | Pachon | 26 | 2r May, A.D. 269 |
| PSI 457, ${ }^{60}$ | Epeiph | 18 | 12. July, A.D. 269 |

According to these dates interpreted in the traditional way Claudius II acceded between 28 August and 16 October, A.D. 268 and his first Graeco-Egyptian regnal year ran from the dies imperii to 28 August, A.D. $26 \mathrm{~g} .{ }^{7}$
${ }^{1}{ }_{1}$ Claudius, Thoth is referred to in retrospect in SB 8086, 9. Reason appears above (p. 18 n. 3) for thinking that a document actually of that date would have been assigned to 16 Gallienus. Similarly 1698
27 of Thoth 13 of the first year of an unnamed emperor is probably not to be assigned to Claudius II, 27 of $h o t h ~$
though of the first year of an unnamed emperor is probably not to be assigned to Claudius $I$ II, for year two, because it would require a journey of almost miraculous speed to bring news of a new accession from Rome to Oxyrhynchus in thirteen days or less.
${ }^{2}$ Recherches de Papyrologie iii $63-4=$ SB 8086 .
Recherches de Papyrologie iii 67 .
${ }_{4}$ This date is retrospective in its context
Chr. p. $503=$ SB 4514 . Only the Julian conversion is given.

 K $[K \lambda a v \delta i o v ~ T a-]^{21} \kappa[\{T r o v$. The circumstance that a man who had his epicrisis in I Decius and Herennius (A.D. 249/50) had a son of age for epicrisis in I Claudius (A.D. 268/9) means that the son was born probThere is no difficulty in that; see Hombert-Preaux, Recensement, p. r6o. ${ }^{7}$ According to $A \hat{E}$ 1944, no. 85 a new reading in CIL iii 2525 ( $=10492$ )
[prr]die kal. Iuli. The consuls are those of A.D. 268 and the legio II Adiutrix has the cognomen Claudiana. Professor Alfoldi concluded that Claudius acceded before this date, 30 June, A.D. 268. This is incompatible with the evidence of the papyri. If the text of line 8 is correctly read and supplemented as militib[ [us iuss] $] t$ [pr] idie kal (endas) Iuli( as), the day might tolerably be taken as the date of the order rather
than the date of the inscription, which must be put after the accession of Claudius. However the text as it stands in $A E$ É 1944, no. 85 is unintelligible-for instance, there is no subject and no room for a subject

His second year will be A.D. 269/70. Besides the new Oxyrhynchus papyri of that year (items 6 to 16 in Table I), we have five other papyrus dates-Thoth I ( $\mathbf{1 5 6 1} 2 \mathrm{I}$ ), Thoth 24 (P. Strasb. 7, 19), Choeac 14 (P. Flor. 50, 117 ), Mecheir 23 (P. Strasb. 7, 20, ${ }^{\prime} E[\pi] \epsilon i \phi$ ed. pr.; $M \in[\chi] \in i \rho \rho$ Recherches iii 55 ) and, rather doubtfully read, Payni 30 (P. Erlangen ror i 2). In fact there is every reason to believe that, as far as the Egyptians knew, it was a complete year, since it is attested from Thoth (August/September) to Payni (May/June, Table I, item 14) and there are two mentions of a third year on Thoth 23 (P. Strasb. 7, 21) and Phaophi 23 (?; second digit uncertain, 1646 33), i.e. 20 September and on or near 20 October, A.D. 270.

Before using the names of Aurelian and Vaballathus Egyptian scribes dated for
 agreement had not yet been reached between the Palmyrenes and the Romans. In the new archive there are three examples (Table I, items I7-19). It was previously known only in P. Strasb. inv. P. gr, $123^{8}$ (Recherches iii $62-3$, no. 8) and in the unpublished P. gr. $255^{\circ}$ (ibid. pp. 93-4). ${ }^{1}$ The context of the first makes it clear that this formula precedes dating by the titles of Aurelian and Vaballathus. The document is a note of a series of half-yearly payments for rent of livestock. The last instalment was paid in I Aur. 4 Vab. on Phamenoth 18 (14 March, A.D. 271). The preceding payment is


The name of Claudius' brother and successor, Quintillus, has not so far appeared in the papyri. The coins show that his short reign was acknowledged in Alexandria (J. Vogt, Die alex. Münzen i 212, ii 160).

The new archive gives us the earliest papyrological date in the reign of Aurelian, between II and I9 Choeac ${ }^{2}-7$ and I5 December-year I; the second digit of the day number is damaged (Table I, item 20). Other papyri attest for this year the months Tybi (item 21), Phamenoth (Recherches iii 62-3), Pharmouthi (P. Strasb. 8 i I), Pachon (Recherches iii 67; 1200, corrected in P. Oxy. xii p. 223), and Payni (O. Mich. 1006), ${ }^{3}$ i.e. December to June. From which it is clear that I Aur. (4) Vab. cannot overlap in any way with 2 Claudius, A.D. 269/70. It follows the short year 3 Claudius and falls in the same Graeco-Egyptian year, A.D. 270/I.

This new date for Aurelian's earliest appearance in the papyri is significant in itself, because it suggests two arguments that help to confirm that I Aur. (4) Vab. is A.D. 270/I. Firstly, since Claudius reached a third tribunician power (CIL ii 1672, iii 352 I, viii 4876 ) and acceded sometime in A.D. 268 , whether before or after 29 August, for refeci[t] (6) and [iuss]it (8)-and the texts given in CIL and ILS suggest that the reading of the date is far from certain.
${ }^{\text {I }}$ A possible third example is 154411 éml $\dot{v} \pi[\alpha \dot{d}] \tau \omega \nu \Phi a \hat{\omega} \phi \iota \kappa$. The first editors placed this under Diocletian but the eersons concerned seem to have been active rather earlier than that, see 27755 n .
2 CPR i, 8 refces retrospectively to Hathyr of I Aur. 4 Vab., but this is not necessarily a real date The document itself is dated 2 Aur. 5 Vab., month and day lost,
${ }_{3}$ Professor Youtie has informed me by letter and in another connection that instead of $\left.\kappa a i\right) \beta(\alpha c \lambda \lambda \epsilon \in \omega c)$ ${ }^{3}$ Professor Youtie has informed me by letter and in another connection that instead o.
he must on the usual theory of the renewal of the tribunician power have lived beyond io December, A.D. 269. News of the succession could not have reached Oxyrhynchus in less than five days, so if Claudius' third trib. pot. is correctly dated, the December of this papyrus cannot be that of A.D. 269 and must be that of A.D. 270 .

Secondly, every other third-century emperor from Gordian III with the sole exception of Diocletian was consul ordinarius in the January after he came to power. There is a strong implication that Aurelian acceded in A.D. 270 since he was consu in January, A.D. 271. If he had succeeded in or before December, A.D. 269, he would in all probability have been consul in January, A.D. 270, which he was not. For this argument I am indebted to the good advice of Dr. T. D. Barnes.

Neither of these arguments constitutes absolute proof, but each of them lends valuable weight to the system proposed here.

In SHA Claud. I I, 3 (cf. I2, 2) we are given the consular year A.D. 270 for Claudius' last campaign and death. However pleased we would be to accept the statement, the SHA notoriously requires rather than affords support. It has it, I believe, from the papyri.

Corroboration of this account of the overlapping of the three reigns is available from two items of the archive. In these the petitioners give the year of their epicrisis and their age at the time of submitting their applications to be admitted to the corn dole. The normal age for epicrisis was in the I 3 th or I4th year; the I2th year appears to be attested once (P. Haw. $401=$ Archiv v 395) and for accidental reasons a later age was possible, ${ }^{\text {r }}$ but both examples work well for our scheme if they were in their 14th year at epicrisis. One (2894 ii) had his epicrisis in II Gallienus and was in his 20th year ( $\epsilon \tau \hat{\omega} \nu \kappa$ к) in 2 Claudius; the other (2908 ii) had his in 13 Gallienus and was in his Igth year in I Aur. (4) Vab. ${ }^{2}$ It may be put schematically as follows:-

| A's age | B's age | Regnal year | Julian year |
| :--- | :--- | :--- | :--- |
| $\frac{14}{15}$ |  | II Gallienus | $263 / 4$ |
| 16 |  | 12 | $264 / 5$ |
| 17 | $\frac{14}{15}$ | 13 | $265 / 6$ |
| 17 | 14 | $266 / 7$ |  |
| 18 | 16 | I5 | $267 / 8$ |
| 19 | 17 | I6 G. $=$ I Claudius | $268 / 9$ |
| 20 Claudius | $269 / 70$ |  |  |
| I8 |  | 2 |  |
|  | I9 | I Aur. (4) Vab. $=3 \mathrm{Cl}$. | $270 / \mathrm{I}$ |

In a third case the applicant underwent epicrisis in I Aurelian and was in his 16 th year in 3 Aurelian (2902). This has no bearing on the relation between the reigns, ${ }^{1}$ See CE xxxi (1956), pp. 109-17, both for late epicrisis in unusual circumstances and the latest list of epicrisis documents; add newly P. Wis. 17 .
${ }^{2}$ The official method of reckoning age was much like that of regnal years; the child was 'in his firs year' as soon as he was born and began to be in his second year at the next new year's day, ho 1 or a pair of twins and two other children.
but it does appear to support the regularity of the scheme. He was in his 14th year in I Aur., in his 15 th in 2 Aur., and in his 16 th in 3 Aur. I believe that this is in fact true, but the interpretation of the dates is not so straightforward as it appears at this stage and it will be necessary to return to the case later.

This scheme is the only one that will make sense of all the numerous items of evidence without distorting them, but it brings us up very forcibly against the original problem. Seven years of Aurelian are attested and if we follow I Aur. (4) Vab. $=$ A.D. $270 / 1$ by a normal succession of years we find that 7 Aurelian should begin on 29 August, A.D. 276 . And yet Tacitus was consul as emperor in January, A.D. 276.

The problem is a real one. The seventh ${ }^{1}$ year of Aurelian is attested by the coins (Vogt, Die alex. Münzen ii 163), by 2338 ii 39 and by 1455, which adds a month and day, Phaophi $21=19$ October. 1633 of Mesore 30 in Aurelian's sixth year, i.e. only six days before the end of the sixth year, is also worth citing, since if we count forward from what we have already worked out it appears to be of 23 August, A.D. 276. Similarly P. Cair. Isid. 85 , of Epeiph 29, 6 Aurelian, appears to be of 23 July, A.D. 276.

And in case any doubt should arise about the accuracy of the consular fasti we have astronomical evidence for the reign of Probus to supplement the fasti, the coins, and the ordinary papyri. 2557 is a horoscope for 4 Probus, Thoth 24. Agreement of the text and modern computation is very good for 21 September, A.D. 278. It would be very bad for A.D. 279 , with only two of the six legible placings of the heavenly bodies in the signs of the zodiac correct. This confirms that 4 Probus was A.D. 278/9 and that I Probus $=$ I Tacitus $=7$ Aurelian was A.D. 275/6. A similar proof is available from another horoscope PSI $764=$ Neugebauer and van Hoesen, Greek Horoscopes, p. 61, no. 277. In short, at the end of the reign we find that 6 and 7 Aurelian were A.D. 274/5 and 275/6, which appears to contradict the evidence that I Aur. (4) Vab. was A.D. 270/I.

Another way out of the impasse was suggested by P. Schnabel in Klio xx (1926), pp. 363-8. Stein made a characteristically vigorous rejoinder in Klio xxi (1927), pp. $7^{8-82}$, and perhaps on this account Schnabel's view has received less attention than I believe it deserves. ${ }^{2}$ Before setting out his explanation it may be helpful to recapitulate one of his arguments against Stein's theory which has gained yet more force from the new Oxyrhynchus papyri. He pointed out that in P. Strasb. 7, 21 the date 3 Claudius, Thoth 23 equals 20 September, A.D. 270 , as the series of half-yearly payments complete from the ninth year of Gallienus plainly shows. ${ }^{3}$ But in 1200 (corrected in P. Oxy. xii p. 223) I Aur. 4 Vab., Pachon 30 would on Stein's system of official dates be equal to 25 May, A.D. 270. Stein admitted (Klio xxi 81) that it was odd to have dates by Claudius II in the Fayum four months after Aurelian's accession was
${ }^{1}$ The alleged mention of an eighth year in O. Mich. 157, 3 cannot be accepted for a moment; see BL iii 262, based somewhat loosely on TAPA lxxvi ( 1945 ), p. 146 .

2 It was adopted, however, by D. Schlumberger in Bull. Et. Orient. ix (1942-3), pp. 46-8.
${ }_{3}$ Professor Schwartz has suggested in Recherches iii 93 that the last three entries on this sheet of papyrus refer to years of Aurelian and were added in error to the wrong sheet. This is both unlikely in itself and unhelpful in resolving the contradiction of the regnal years.
known in Oxyrhynchus, which is more remote than the Fayum, but he appealed to other examples of the irregular spread of news. Now, however, we have from Oxyrhynchus documents of Claudius' first year (Table I, items I-5) that evidently follow the same system as P. Strasb. 7, and with them we have the earliest document in I Aur. (4) Vab. (Table I, item 20), which would on Stein's official system date from December, A.D. 269, nine to ten months earlier than the date by Claudius II in P. Strasb. 7, 21.

Schnabel's suggestion was that Aurelian's accession actually fell shortly before 29 August, A.D. 270 but that during the Palmyrene domination in Egypt his years were incorrectly counted I Aur. (4) Vab. $=$ A.D. $270 / \mathbf{1}, 2$ Aur. 5 Vab. $=$ A.D. $27 \mathrm{r} / 2$ until the recovery of Egypt, when A.D. $27 \mathrm{I} / 2$ was correctly called 3 Aurelian even though it came at the end of the same Graeco-Egyptian year as 2 Aur. 5 Vab . He considered that there was documentary proof of this in 1208 of A.D. 29I, where it is specifically



This theory continues to satisfy all the documentary evidence. The latest date in 2 Aur. 5 Vab. is now Pharmouthi 22 ( 17 April; Table I, item 25). The earliest date by 3 Aurelian is now Payni 30 (24 June; Table I, item 29). The other dates by 3 Aurelian are from Mesore (July/August). The documents are P. Strasb. 280, 21 of Mesore 3 rd intercalary day, P. Oslo 96, ro (day lost), and P. Wis. 2, 35 (day not given; for the reading see ed pr., plate i, and CÉExliv (1969), p. 136). In P. Flor. 26, 11 Aurelian's third year is mentioned retrospectively without month or day.

This is not a theory that one can feel completely comfortable with, unless a satisfying explanation for the change of reckoning can be found. Schnabel offered no detailed explanation, and one is left in doubt whether he ascribed the initial 'error' to the Palmyrene domination or to faulty communication with Egypt. Stein was particularly scathing about the absence of a reason-'Warum Aurelian dem Jahr, das er als sein zweites bezeichnete, solang er Vaballath anerkennte, dann lieber die Ziffer 3 verlieh, das bleibt Schnabels Geheimnis' (Klio xxi (1927), p. 78).
D. Schlumberger, who accepted Schnabel's chronology, suggested that Aurelian never recognized Vaballathus and therefore never recognized the Egyptian computation of his years, Bull. Et. Orient. ix (1942-3), p. 46. However that may be-and it is not the usual view-I see no reason why the Palmyrenes should have attributed an unofficial dies imperii to Aurelian, though it is conceivable that they were reluctant on practical grounds to alter the formula I Aurelian, 4 Vaballathus once it was proclaimed. If a change of computation was made, therefore, I would attribute it to Aurelian's own policy, and a possible reason for it can be discerned. Aurelian presented himself as the legitimate successor of Claudius, not of Quintillus. Nevertheless it is clear from the coins that Quintillus was widely recognized without demur for a while and that it was only after some lapse of time that Aurelian was proclaimed by the soldiers (Damerau, Kaiser Claudius II Goticus, p. 90). Whereupon Quintillus either committed suicide or was killed. If we postulate that the death of Claudius took place shortly before 29 August,
A.D. 270 and the proclamation of Aurelian after that date, we begin to see how a problem might arise for Egyptian officials. If Aurelian first set his dies imperii on the day the troops proclaimed him and subsequently put it back to the day of Claudius' death, claiming what Zonaras relates, that the dying Claudius declared him worthy to be emperor (xii 26), the effect would be to change the enumeration of his Egyptian regnal years. The Egyptians, however, might well be reluctant to make the confusing change from I Aur. 4 Vab. to 2 Aur. 4 Vab., and since the Palmyrenes controlled the country his preference would not necessarily have been respected.

We must examine how the reign of Quintillus might fit into this hypothesis. It is clear from the existence of Alexandrian coins both of 3 Claudius and of I Quintillus that the latter's dies imperii did not fall before 29 August, A.D. 270. Claudius died in Pannonia at Sirmium on the Save (Zonaras xii 26). Quintillus was apparently in Italy (SHA Aur. 37, 5 ' in praesidio Italico'). It is acceptable then that his dies imperii can have fallen later than the day of Claudius' death. We may compare Hadrian's dies imperii, which he fixed on the day that news of Trajan's death reached him (SHA Hadr. 4, 7). In my hypothesis 29 August will have fallen in the interval required for the news to reach Quintillus.

The scheme that I propose, following Schnabel, for the dating of papyrus documents is this:

$$
\begin{aligned}
{ }_{15} \text { Gallienus }= & 267 / 8 \\
{ }_{16} \text { Gallienus }= & 268 / 9=1 \text { Claudius } \\
& 269 / 70=2 \text { Claudius }
\end{aligned}
$$

I Aurelian (4) Vaballathus $=270 / 1=3$ Claudius ( $=1$ Quintillus)
2 Aurelian 5 Vaballathus $=271 / 2=3$ Aurelian 272/3 $=4$ Aurelian 273/4 = 5 Aurelian 274/5 $=6$ Aurelian 275/6 = 7 Aurelian ( $=$ I Tacitus $=1$ Probus)
This will be adequate to deal with dates which refer to the time of writing. For those writing in or after 3 Aurelian, however, the proper designations of the Egyptian years A.D. 269/70 and A.D. 270/I were 1 Aurelian and 2 Aurelian. So in 1208 II the year A.D. $269 / 70$ is described as $\tau \hat{\varphi} \beta$ ( $\epsilon \tau \epsilon \iota$ ) K A document actually of that date would have been dated in 2 Claudius. The double version may have been fossilized into this document of A.D. 291 and no longer of much practical importance, but on the other hand it may have been essential for anyone who wanted to consult the public records of twenty years before.

Similarly, in the single item of the new Oxyrhynchite archive that is dated in 3 Aurelian, the applicant says that he had his epicrisis in 1 Aurelian and was 16 years old in 3 Aurelian (Table I, item 29). By I Aurelian he will mean, if Schnabel and I are right, A.D. 269/70. An indication that may favour this view is his explanation that he has not answered to his name when it was called 'because of having been away from
home on unavoidable duty following the army'- $\tau \hat{\varphi}$ єтi $i \tau \hat{\eta} c \dot{\alpha} \lambda \lambda o \delta a \pi \hat{\eta} c \dot{\alpha} \nu a \gamma \kappa a i a c ~ \chi \rho \epsilon i a c$ $\chi^{\prime} \rho t \nu \pi \alpha \rho \epsilon c \tau \rho a \tau \epsilon \hat{v} c \theta a u$. I take this to refer to the military activity connected with Aurelian's recovery of Egypt, which fits very nicely with the view that it has only just been completed at the end of A.D. $271 / 2$. But of course this falls far short of proof that that actually was the case.

It may be useful to list the main conclusions reached in what precedes:
I. Gallienus lived beyond 28 August, A.D. 268 into the 16 th year of his reign.
2. Claudius II acceded between 28 August and $x 6$ October, A.D. 268.
3. Claudius II probably died shortly before 28 August, A.D. 270 , that is, before the end of his second year. His third year is attested because news of his death did not reach Egypt till after 28 August, A.D. 270.
4. Quintillus succeeded as emperor after 28 August, A.D. 270, as shown by Alexandrian coins both of 3 Claudius and of I Quintillus. He has not yet appeared in the papyri
5. After a short period during which Quintillus was widely acknowledged on the coinage Aurelian acceded.
6. Before dates by Aurelian and Vaballathus appear in the papyri scribes used the
 Phaophi (Sept./Oct.; 1544 II), A.D. 270. The exact significance of it in the minds of its users is uncertain, but it presumably reflects the Palmyrene challenge to Rome in the East.
7. By December Egyptian scribes were dating by the first year of Aurelian and Vaballathus, implying that Aurelian succeeded after 28 August, A.D. 270. Later in the Egyptian year this was emended to I Aurelian, 4 Vaballathus. The earliest papyrus using the emended formula is P. Strasb. inv. P. gr. I238 of 14 March, A.D. 271 (Recherches iii $62-3$, no. 8). CPR i 9, 8 mentions Hathyr of I Aur. 4 Vab., but retrospectively.
8. Aurelian appears to have put back the date of his dies imperii to before 29 August, A.D. 270 , probably to the date of Claudius' death and probably in order to avoid recognizing the reign of Quintillus. As a result he reached a seventh Graeco-Egyptian year though he ruled only from late A.D. 270 to after, presumably not long after, 29 August, A.D. 275.
At this point it may be worth quoting two passages from J. G. Milne's Catalogue of Alexandrian Coins in the Ashmolean Museum relating to the amount of coinage in the reigns of Claudius II and Aurelian, but with the warning that unexplained fluctuations in the output of the Alexandrian mint are not uncommon.

The passages are:
p. xxiv, paragraph 5 I,
'The activity of the Alexandrian mint continued under Claudius Gothicus: during the months which counted as his first year, it was about equal to what it had been in the preceding months which formed the fifteenth year of Gallienus, and in year 2 it rose still farther.'
p. xxiv, paragraph 53
'In year 3 of Aurelian another drop brought the coinage to a lower figure than had been recorded for several years, about a quarter of that of year 2: then a rise began, the output being doubled in year 4 , doubled again in year 5 and increased further by about a quarter in year 6 .'

It may fairly be claimed without pressing these passages too hard that the first one is consistent with the conclusion that year I5 of Gallienus and year I of Claudius II were separate years, and the second one consistent with the conclusion that year 3 of Aurelian represents only the end of the same Graeco-Egyptian year as 2 Aur. 5 Vab.

What I hope to have shown by the cumulation of the new evidence on the old is that there is no reason to accept that there were two reckonings in use at the same time. These Oxyrhynchus papyri are quite plainly using the same system as the Strasbourg papyri and their context is an official one, so that the relation between the reigns of Gallienus, Claudius, and Aurelian is as unambiguous as the proof that 6 and 7 Aurelian were A.D. $274 / 5$ and $275 / 6$. Consequently we are obliged to recognize that there was a change of reckoning between 2 Aur. 5 Vab , and 6 Aurelian. In amplifying Schnabel's hypothesis with my own conjectures I hope to have shown a plausible way in which the change might have taken place.

The chronology of Aurelian's early years will be especially affected by this interpretation of the papyri. A proper study will be needed, but it may be useful to point out that the recovery of Egypt in A.D. 272 instead of A.D. 27 I leaves a little more room to accommodate the numerous early campaigns against the northern invaders, see Walser and Pekáry, Die Krise, p. 52 = A. Alföldi, Studien z. Geschichte d. Weltkrise des 3 . Fahrh., pp. 427-30, esp. 429-30.

## APPENDIX

Consul and trib. pot. numbers in the inscriptions and coins of Aurelian
For real precision this question requires a thorough investigation by an epigraphist able and willing to check the originals or photographs of as many as possible of the items of evidence, some of which are now lost or otherwise dubious. However I have a suggestion to make which has not previously been considered.

From the list compiled by L. Bivona in Epigraphica 28 (1966), p. 107, of 33 items containing indications of tribuniciae potestates and consulships one can extract 25 which contain both, falling into II combinations as shown in Table A opposite.

Everyone who has treated the question so far has considered that there is no doubt about what is meant by the consulship numbers 1, 2, and 3. According to the fasti they mean A.D. 271,274 , and 275 respectively. But unless the inscriptions and coins teem with errors this is impossible. The tribunician power is assumed by an emperor at the beginning of his reign and in the ordinary way is renewed either annually on the dies imperii, as Mattingly and his followers would have it, or on the ro December next
following the accession and subsequently on each succeeding io December, according to Mommsen and his school of thought. In some cases an extra trib. pot. can be assumed to mark a special event, as was done by Decius (Walser-Pekáry, Die Krise, p. 23) and by Maximinus (Bersanetti, Massimino, p. 66 n. 4). If Aurelian acceded about September, A.D. 270 and died sometime between 29 August and io December, A.D. 275 , as the papyri seem to indicate, he would by either system have had six grants of tribunician power. Seven are attested. Presumably he had one extra, perhaps to celebrate his defeat of Zenobia or Tetricus, or to celebrate his quinquennalia-so Laffranchi, Riv. Ital. Num. xliii (1941), p. I3r. But by no possible scheme can he have passed through grants $3,5,6$, and 7 in his second consulship in A.D. 274 and through grants 3 ?, 4, 5,6 , and 7 in his third consulship in A.D. 275 . The only hope of constructing a coherent scheme is to allow that there was some doubt about the numbering of his consulships. ${ }^{\text { }}$

Table A
cos. trib. pot.
Sotgiu $42^{2}$
CIL iii Suppl. I, 7586, viii $2,9040^{3}$
CIL viii 2, 10017, xii 55II
Sotgiu 38, CIL viii 2, 10177 , 10217 , Suppl. 3, 22449, vi 1112 (cos. des. III)
6 Cohen 178, RIC 185
Rohde 32 ? ${ }^{4}, R I G 16, R I C 186$
3? $\quad$ CIL ii 4506
Cohen 177, CIL xii 5456
$C I L \mathrm{~V} \mathrm{I}^{2} 43^{\text {r }} 9$, xiii $2,2,8904$, xii 5548 (both figures uncertain)? Sotgiu 2, CIL viii I, $5^{1} 43$, xiii $2,2,8997$ ? CIL xiii 2, 2, 8973
Interesting parallels are provided by the neighbouring reigns of Claudius II and Tacitus. Tacitus was consul ordinarius in A.D. 273 and again as emperor in A.D. 276 , at which point the fasti give him the iteration figure II. He died in the course of the same year, yet some of his coins describe him as consul III (Webb, RIC v i Tac. nos. 120, 121). He can hardly have demeaned himself to be a suffect consul in the same year in which he was ordinarius. The explanation has been advanced that he was suffect consul at the end of A.D. 275, when his reign began (Degrassi, Fasti, p. 73). If this is right it seems that there was some doubt about how it should affect the iteration figure. Perhaps it
${ }^{1}$ The mention of a suffect consulship of A.D. 258 in SHA Aur. II, 8 is generally regarded as an invention and it certainly cannot be used unless corroborated by some reliable evidence.
${ }^{2}$ G. Sotgiu, Studi sull' epigrafia di Aureliano, Cagliari, 196r.
${ }^{3}$ For the uncertainty of this item see now Hermes xcviii ( 1970 ), pp. 121-4. ${ }^{4}$ This is placed by Dr. Bivona under trib.pot.V cos. $I I$, but it app
arose because of the relatively low prestige of the suffect consulship, so that people were not sure if they would be flattering the emperor if they counted a suffect consulship in the iteration figure. However when I showed a draft of this appendix to Dr. T. D. Barnes he put forward the suggestion that the uncertainty about iteration figures might arise rather from ornamenta consularia than from suffect consulships held at the beginning of a reign. The custom of including ornamenta consularia in the iteration figure began with the indulgence shown by Septimius Severus to Plautianus, who was proclaimed consul II by reason of the ornamenta when he held his first real consulship in A.D. 203 (Dio xlvi 46, 4). Macrinus refused to count his ornamenta because they were acquired under the distasteful regime of Caracalla (Dio lxxviii 13). However in inscriptions from the first Julian year of his reign he is called both consul designate and consul designate II, the latter because of the ornamenta, according to Dessau (ILS 465 n. 2).

In favour of this explanation rather than Degrassi's is the fact, if it is not too early to be relevant, that when Elagabalus began his reign by replacing Macrinus as consul in the middle of A.D. 218 there was no hesitation in counting that consulship towards the subsequent iteration figures.

Whatever the reason for the uncertainty, it extends also to the reign of Claudius II, who appears in the fasti only for A.D. 260 and without an iteration figure. He was no consul ordinarius in A.D. 270. Yet he is given the title cos. II in four inscriptions (CIL ii 36 I $9,3834,4505$, viii 4876 ). ${ }^{\text {I }}$ Other inscriptions with trib. pot. II and III give him no iteration figure, e,g. $I L S 569,570$.

2710 has recently revealed another instance which may be of the same sort. It is dated 17 May, A.D. 261 by Egyptian regnal year and day of the month, and also in the consulships of Macrianus for the second time and of Quietus. The iteration figure in the case of Quietus is lost. It seems unlikely that these persons had been consuls before they became unsuccessful rivals to Gallienus at the end of A.D. 260. They do not appear in the fasti. They presumably pretended to regard themselves as the ordinary consuls for A.D. 26I and Macrinus at least had some claim to be consul iterum based on the events of the end of A.D. 260 .

If we allow the hypothesis that two reckonings of Aurelian's consulships were in use at the same time, as it seems there were two reckonings for Claudius and Tacitus, it becomes possible to accommodate most of the II combinations of consulship and tribunician power. The critical factor now becomes the dating of the extra grant of tribunician power. No date assigned to it can produce absolute consistency among the documents, but a very promising solution can be found in the following scheme, based on the hypotheses that Aurelian acceded in A.D. 270, renewed his trib. pot. on Io December, A.D. 270, and on the same day annually thereafter, and allowed himself an extra grant in the course of A.D. 274, perhaps to celebrate his defeats of Zenobia and Tetricus or to mark his quinquennalia.
I We can probably neglect the single coin of poor workmanship that calls him cos. III (Webb, RIC v i Cl. no. 177 )

## Table B

|  |  |  |  |  |  |
| :--- | ---: | :---: | :---: | :---: | :---: |
| August, | A.D. 270 | I | 0 | I |  |
| December | 270 | 2 | 0 | I |  |
| January | 27 I | 2 | 1 | 2 |  |
| December | 271 | 3 | 1 | 2 |  |
| December | 272 | 4 | I | 2 |  |
| December | 273 | 5 | 1 | 2 |  |
| January | 274 | 5 | 2 | 3 |  |
| $?$ | 274 | 6 | 2 | 3 |  |
| December | 274 | 7 | 2 | 3 |  |
| January | 275 | 7 | 3 | 4 |  |

Using one or other of the consular figures this scheme will accommodate all the combinations in Table A but 7 and 8, i.e. trib. pot. III, cos. III and trib. pot. IIII, cos. III. Both of these are represented by suspect documents, 7 by CIL ii 4506 and 8 by Cohen 177 and CIL xii 5456 . The first is now lost, the second was suspected by Cohen of error or falsity and has not been verified and incorporated into RIC, and the third is also lost.

If the argument so far is correct the iteration figure for the tribunician power is more reliable for assessing the date of an inscription or a coin than that of the consulship, though it cannot be precise until the date of the extra grant is ascertained rather than assumed. For the moment I assign it to A.D. 274, because that requires the rejection of the fewest and the least reliable documents. It would not be worth while to reproduce all the possible schemes but their effects can be summed up.

We may take first the group of schemes that assumes renewal on io December. If the extra grant is assigned to any year before A.D. 274 it is not possible to accommodate group 9, i.e. trib. pot. $V$, cos. III, represented by CIL v I, 4319 and xiii 2, 2, 8904. Both of these are still extant and reliably read. If we put it later than A.D. 274, that is, in A.D. 275, we exclude group 6, trib. pot. VII, cos. II, represented by RIG 16 and RIC 186.

If we make an analogous scheme supposing that the tribunician power was renewed on the dies imperii and the extra grant made in A.D. 274 , we find again that group 6, trib. pot. VII, cos. II, is excluded. The same would be true for any similar scheme that fixed the extra grant of trib. pot. earlier than A.D. 274 , and one that placed the extra grant in A.D. 275 would exclude groups 5 and 6 , as well as the doubtful group $7 .{ }^{2}$

Sotgiu, p. 16, regards them as mistaken, however. tribunician power on the dies imperii consists only in manipulating the inconvenient evidence, disregarding especially the evidence for the seventh tribunician power. Dr. Bivona's idea that in A.D. 272 Aurelian began to count a new series of trib. pot. is unsatisfactory, because the prestige of the title increased as the number grew higher. For an emperor to go back to number I without some very special mark of a new era would be to diminish his own reputation.

It may be useful to set out the propositions of this appendix in general terms. The main contention is that there are strong indications, both in the apparent inconsistencies of the documents and in the analogous confusions over consulships in the preceding and succeeding reigns, that there were two sets of iteration figures for Aurelian's consulships, one that of the fasti and another giving a figure one higher at each stage.

If this is accepted, the outstanding problem is to date the extra grant of tribunician power which brings Aurelian's total to the attested 7 instead of the 6 that strictly annual renewal would have produced. Absolute consistency among the documents cannot be attained, but if we assign the extra grant to A.D. 274 we need reject only three documents and they are documents which are now unverifiable. If we assign the extra grant to other years, more documents must be rejected, including some that are still extant and reliably reported.

## 2892-2922. Applications

These applications form the bulk of the corn dole archive. Most of them bear clear indications that they come from тó $\mu$ о сvүко $\lambda \lambda \dot{\eta}$ сь $\mu$ ot, files made up in roll form by glueing together side by side the individual sheets on which the applications are written. Clearly some effort was made to arrange them by area. In five cases (2892-2894, 2906, and 2908) there are two adjacent items from persons listed in the same quarter. In one case (2913) adjacent items concern different quarters, but this may be because both these quarters fell in one of the twelve areas into which the city was divided for the purposes of the corn dole and which are perhaps identical with the tribes (2928-2929; Introd. pp. 6 seq).

It is not clear whether there were files devoted to each area or whether the local arrangement was made within each file. In either case the length of the period of time which they cover makes it very probable that several files are represented.

There may also have been an effort to arrange them according to the official to whom they were addressed. In four cases (2892-2894, 2908) adjacent items are addressed to the same official. In one case the officials in adjacent items are different (2906).

The standing and relation to one another of the several officials and boards to whom the applications are addressed are far from clear. It may be that the distinction between the individuals is solely one of time and that they succeeded one another in the same office. This may be supported by 2906 ii and iii, two petitions addressed to different officials, stuck together and evidently coming from the same roll file. Plution's is dated in the period of indecision between the reigns of Claudius and Aurelian, while Horion's is dated in the first year of Aurelian and Vaballathus. However there are differences of terminology which might be taken to indicate that the situation is more complex.

Ten applications are addressed to Aurelius Plution, who is always described simply
 the second year of Claudius II, one is dated in the period of indecision between Claudius and Aurelian (2906 ii), and a damaged one is dated at some now irrecoverable time in the reign of Aurelian and Vaballathus (2916).

Eight are addressed to Calpurnius Horion, a synthesis of whose titles would be
 $\nu \epsilon \omega \kappa$ ́́poc rov̂ $\mu \epsilon \gamma$ ádov Capám $\delta \delta o c$. All those dated by reign and year fall in the first year of Aurelian and Vaballathus, so that he could have succeeded Plution directly some time after the beginning of that year.

Three dateless applications (2915, 2918, 2930) are addressed to Marcus Aurelius
 alpha (2918). In one of the documents he is associated with a board of commissioners,


A fourth damaged document may be attributable to Achilles (2899). It is ad-
 yoátoc and bearing the nomen Aurelius. He is associated with a board of $\delta \iota a k \rho \iota \tau a l$. He can hardly be Aurelius Plution, who is always called only $\gamma \rho \alpha \mu \mu \alpha \tau \epsilon \dot{c}$ cı $\quad \eta \rho \epsilon c i o v$. The final formula of another document, unfortunately headless, is very much like this one except that it preserves the date, I Claudius, Tybi (2901). It may be, therefore, that Achilles' term of office fell even before Plution's, but this guess depends on a very tenuous connection of a headless document with a damaged name in another.

One application dated in 2 Aurelian 5 Vaballathus (17 April, A.D. 272; 2904)
 $\dot{\omega}$ с $\chi \rho \eta \mu \alpha \tau i \zeta \epsilon$. He is already known from 1412 as a prytanis, about A.D. 283/4, and as a property registrar from MChr. ig6 of A.D. 309 (see Lallemand, L'Administration, p. 26 I , for the date). According to 1412 he was an ex-hypomnematographus about A.D. 283/4, as well as having held other Alexandrian and Oxyrhynchite magistracies. He could therefore have been, like Horion and Achilles, a hypomnematographus when he received this application.

There is still a good deal of uncertainty surrounding the hypomnematographus. Three types have been distinguished, two in Alexandria and one in the nome capitals. A much simpler account by Oertel, Die Liturgie, pp. 351-4, suggests very convincingly that there is evidence for only one sort in the Roman period, an Alexandrian citizen appointed for various administrative and judicial duties often, perhaps even always, outside Alexandria. The more complicated view may be represented by Stein, Ägypten unter röm. Herrschaft, pp. 19i-201. It is still sometimes accepted that they were municipal officers, e.g. P. Herm. Rees 18, 5 n., and most lately in Braunert, Binnenwanderung, pp. 349-52.

A significant collocation of the names of Horion and Achilles is found in 2568 of A.D. 264. The owner of a requisitioned boat gave an acknowledgement of its return
 $\nu^{\prime}(\omega \tau \hat{\varphi} \kappa \rho a \pi i c \tau \omega(\mathrm{I}-6)$. If these are the same as our Horion and Achilles, as seems likely, the natural conclusion is that they were Alexandrian citizens resident in Oxyrhynchus who took a continuing active part in the administration of the area in which they lived. Two more occurrences of the name Aurelius Achilles may also concern this man, namely $1444 \times 5,153421$

Perhaps the most likely view of these officials, then, is that they were all local residents of good standing who served as secretary of the corn dole at different times in the succession Achilles(?), Plution, Horion, Eudaemon.

Inevitably, however, the differences of the terminology of their titles leave some doubt. A broad difference can be detected between the petitions addressed to the officials actually called hypomnematographus, Achilles and Horion, and those addressed to the others, Plution and Eudaemon. The second pair receive for the most part straightforward applications from persons whose qualifications are not in doubt, while the hypomnematographi receive petitions from people who have been out of Oxyrhynchus or whose names have been omitted from the lists or who have failed in the first instance to provide the documentary evidence of their qualifications. An exception to this may be 2906 ii , which is rather doubtfully read, but the single clear exception is addressed to Plution from an applicant who claims to have been left out of the list by mistake (2905). This document has an unusual docket in the upper margin, unfortunately damaged and incomprehensible. There is a possibility that it was addressed to the wrong official. At any rate if we could explain this document away, we might put forward the alternative hypothesis that Plution and Eudaemon were administrators of the routine affairs of the dole, while Horion and Achilles had a commission to hear and settle doubtful claims. This might well be consistent with what we hear of the judicial activities of hypomnematographi, cf. Oertel, p. 353, citing P. Tebt. 286, 1102, P. Strasb. 22, and (doubtfully) P. Thead, 18.

The boards to which some applications are addressed are more straightforward.

 Сарámıסoc and whose nomen, Aurelius, alone survives. This is probably the same board which issues the warning about the use of tesserae (2924), though this document seems to allude to a siádocic of tesserae which is different from the $\delta$ odóocuc of the grain itself.

At first sight there appears to be a different board called the $\delta$ cakpıtai, whose business was to check the credentials of the recipients. They are called in 2899 ii oi
 From their resemblance to 2899, it seems likely that 2900 and 2901 were also addressed to them. But all the applications mentioned are from persons whose names had been omitted from the lists of recipients, which implies rather that there was only a single board of magistrates addressed in different terms. If 2924 is rightly assigned to them, they dealt with the issue of tesserae as well as controlling the lists of recipients.



 $\dot{\alpha} \pi[\dot{d}] \tau \eta \uparrow \subset \lambda \alpha \mu \pi \rho \hat{\alpha} c{ }^{\circ} O \xi v \rho[v] \gamma \chi \in \iota \tau \hat{\omega} \nu \pi o ́ \lambda \in[\omega c$.





 ả $\mu \phi o ́ \delta o v, ~ \tau \epsilon \tau \epsilon \lambda \epsilon v \tau[\eta \kappa o ́] \tau о с, \kappa \alpha ̣ \grave{l} \mathfrak{a} \xi \iota[\hat{\omega}$
 $\mu \epsilon \tau \alpha \lambda \alpha \beta \hat{\imath} \varphi[\tau \hat{\eta} c$ тov̂ c] $\rfloor \tau \eta \rho \in c i o v$

 Eủc $\beta$ ßov̂c Ev̉rvðoûc C $[\epsilon \beta a c]$ ]ô̂,



$\mu \eta ̀ ~ \epsilon i \delta o ́ т о с ~ \gamma \rho a ́ \mu \mu а \tau а . ~$


(vac.)


үорєv $\theta(\epsilon i c)$ vi $\pi \eta^{\prime} \kappa о v c(\epsilon \nu)$.


ồ $\kappa(a i) \gamma \nu \omega \rho i \nmid \omega$.
 ठ七akpit( (єic), ôv каi $\gamma v \omega \rho i \zeta \omega$.
(vac.)

(m. 8) $\Delta \rho o ́(\mu \circ v) ~ \Theta ๐ \eta \rho\llcorner\delta o c$.

ii
(m. 9?)

## $\kappa \eta$

(m. I) $A \dot{\nu} \rho \eta \lambda(i \omega)$ Пג $\pi a \rho \grave{\alpha} A v ̀ \rho \eta \lambda(i o v)$ Koт $\rho^{\prime} \omega c \in[$

$\chi \epsilon \epsilon \tau \omega \hat{\nu} \pi o ́ \lambda \epsilon \omega c$. ${ }^{\circ} O \xi[v p v \gamma \chi \epsilon i \tau \eta c \tau v \gamma-$










Kаісарос Ма́pкоv Aùpp [גiov

$C_{\epsilon} \beta a c \tau о \hat{v}, \Theta \dot{\omega} \theta$.[

20

$\mu \dot{\eta}$ єіठóтос $\gamma \rho \alpha \dot{\mu} \mu \mu \tau \alpha$.
(vac.)




 cev.

 ${ }^{3}$


(m. 8) $\Delta \rho o ́(\mu \circ v) ~ \Theta о \eta ́ \rho ь \delta(o c) . ~$

Col, i '(9th hand?) No. 27. (rst hand?) Copy(?). (rst hand) To Aurelius Plution, secretary of the corn dole, from Aurelius Agathus Daemon, son of Areius, grandson of Sarapion, mother Senpsois, from the glorious city of the Oxyrhynchites. Being an Oxyrhynchite, scrutitized in the Thoeris Street quarter and 20 years old in the present second year, I enter myself as a result of the draw in place of quarter, deceased, and I ask, having shown myself a citizen, to receive my share of the distribution of the corn dole. Year 2 of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus, Thoth 27. (2nd hand) I, Aurelius Agathus Daemon, son of Areius, submitted (the petition). I, Aurelius Apollonius, wrote for him because he does not know letters. (3rd hand) Aurelius Serenus, scrutineer: This is the person scrutinized, who also answered when his name was proclaimed. (4th hand) Aurelius Didymus, formerly phylarch: He is as described (s) and is the aforementioned in person, who also
answered when his name was proclaimed ( 5 th hand) Aurelius Theon witness of identity: This is the person examined, whom I also identify. (6th hand) Aurelius Saras, alias Isidorus, witness of identity : This is the person examined, whom I also identify. ( 7 th hand) He has been enrolled. Second year, Phaophi. (8th hand) Thoëris Street.'

Col.ii" ' (oth hand?) No. 28. (rst hand) To Aurelius Plution, secretary of the corn dole, from Aurelius Copres, son of Th....(Irandson of ...?), mother Didyme, from the glorious city of the Oxyrrynchchites.
Being an Oxyrhynchite and scrutinized in the Thoeris treet quarter and ged year .. . years, I enter myself as a result of the draw in place of . $\ldots$, son of . . . clas, trandson of Theon, mother ...., being of the same quarter, deceased, and I ask, having shown myself a citizen, to receive my share of the distribution of the corn dole. Year 2 of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus, Thoth ... (2nd hand) I, Aurelius Copres, son of Th... (submitted this petition). 1, Aurelius Heracleides, wrote for him because he does not know letters. (3rd hand) Aurelius Didymus, formerly phylarch: He is as described (?) and is the aforementioned in person, who also answered when
his name was proclaimed. (4th hand) Aurclius Serenus, scrutineer: This is the person scrutinized, who also answered when his name was proclaimed. (5th hand) Aurelius Theon, witness of identity: This is the person examined, whom I also identify. (6th hand) Aurelius Saras alias Isidorus, witness of identity: This is the person examined, whom I also identify. (7th hand) He has been enrolied. Second year, Phaophi. (8th hand) Thoèris Street.'

Col. i i $\kappa \zeta$, cf. ii i $\kappa \eta$. These are item numbers in a file made of separate documents glued together

in a secon hand and is a copy probabplopov), as it commonly does. The document has a subscription it second hand and is a copy probably only in the sense that one or more duplicates existed. Les

There it iii $17,28965_{5} 2897$ ) quarter is always the same as the new incumbent's ( 2892 i 12 , ii 11,2894 in 19
from their own quarter－or perhaps tribe－or not．The numbers of recipients in the twelve divisions were far from equal（2928，2929），and there is no evidence that there was a fixed maximum for each of them as there was for each whole class．Nevertheless one would not be surprised to find a tendency for each tribe to hold on to its privileges if it could．

32 ФuผิфL． 28 Sept．-27 Oct．，A．D． 269.

## 2893

$4^{\text {IB．}} 75 / \mathrm{G}(\mathrm{d})$
$11 \times 14.5 \mathrm{~cm}$ ．
25 Sept．，A．D． 269
$A \dot{\nu} \rho \eta \lambda i \omega \omega$ II $\lambda o v] \tau i \omega \nu \iota \quad \gamma \rho(\alpha \mu \mu a \tau \epsilon \hat{\imath})$

$$
\text { cıin } \rho \in c i ́ o v] \quad \text { (vac.) }
$$

．．．．．．．．．．．］．เтос $\mu \eta \tau \rho$ о̀с
5 ．．．．．．．$\tau \hat{\eta} с \kappa \alpha] i \backslash \Delta \iota \delta u ́ \mu \eta с$ ảmò $\tau \hat{\eta} c \lambda \alpha \mu](\pi \rho \hat{\alpha c})$＇$O \xi v \rho v \gamma \chi \epsilon \tau \tau \omega ิ \nu \pi o ́-$


$\theta[\epsilon] i[c]$ каi $\gamma \epsilon \nu о ́ \mu \epsilon \nu о с$ єікосаєтウ̀c

 c］$\tau \circ v$ то仑 каі＇＇A $\mu \mu \omega \nu i ́ v$＇$H_{\rho р а к \lambda є i-~}^{\text {＇}}$ ठ］ọ тоv̂ Пıvסápov иךтрòc Өa－



$\delta \omega] \rho \epsilon \hat{\alpha} c$ ． （vac．）

Kaí］cap［oс Máp］кои Aúp $\lambda$ ió

$\left.C_{\epsilon} \beta \alpha c \tau \circ \hat{v} \Theta\right] \dot{\omega} \theta \kappa \eta-[$
］．．［
］．

тара̀ $A v{ }^{\rho} \eta \lambda i ́ o[v$
Oov то仑 ка！．［
$\tau \circ \hat{v} \kappa(\alpha i)$ Пот $\alpha \mu[$
5



 a $\nu \tau i{ }^{\text {＇}}$ I $\epsilon \rho a[$
ro $o v$（vac．）［ $\tau \epsilon \tau \epsilon \lambda \epsilon v \tau \eta[$ кко́тос каi $\mathfrak{\alpha} \xi \iota \iota \omega$
ảva入 $\eta \mu \phi \theta[\hat{\eta} \nu \alpha \iota \pi \rho o ̀ c ~ \tau o ̀ ~ \mu \epsilon \tau а с-~$
 $\delta \omega \rho[\epsilon \hat{\alpha} c$

Col．i＇To Aurelius Plution，secretary of the corn dole，from Aurelius Isidorus，son of Apol（lonius？）， grandson of（Amo？）is，mother ．．．alias Didyme，from the glorious city of the Oxyrhynchites．Being registered in the Gymnasium Street quarter，scrutinized and aged twenty years in the present second cleides，grandson of Pindar，mother Thaeesis，deceased，and I ask to be included so as to share in the gift of the corn dole．Year two of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus， Thoth 28 ．

Col．ii＇To Aurelius Plution，secretary of the corn dole，from Aurelius ．．．son of ．．．thus（or thes？），grandson of．．．alias Potamon，mother ．．．Being registered in the Gymnasium Street quarter， the draw in place of Hiera．．．．．．．，deceased，and I ask to be included so as to share the gift of the corn dole．＇

Col．ii 8 éa $\mu \alpha\langle\nu\rangle\rangle[\dot{0} \nu$ ．Cf．Mayser，I i 114－15．
號s and perhaps also the grandfather＇s name．Perhaps they were illegible in the exemplar

## 2894

223 B． $15 / \mathrm{D}(2 \mathrm{I}) \mathrm{a}$
$17 \times 3 \mathrm{rcm}$ ．
14 Jan．，A．D． 270 ； 26 Jan．-24 Feb．，A．D． 270
ii
 cıт $\rho \in[$ cíov
$\pi \alpha \rho \grave{\alpha} A \hat{v} \rho \eta[\lambda i ́ o v C a \rho \alpha] \pi i \omega v[$ oc＂E $\rho \omega$
тос тои ．［．．．．．．．．．．］．．．．．．．．．．
$\mu \eta \tau \rho o ̀ c[. . . . . . . .$.$] à̉ \pi$ ò $\tau \hat{\eta} c$
$\lambda \alpha \mu \pi \rho\left[\hat{\alpha c}{ }^{\prime} O \xi \varepsilon \nu \rho v \gamma \chi \downarrow\right] \tau \hat{\omega} \nu \pi$ то́ $\lambda \epsilon \omega c$.

$\triangle$ ро́доv Г vидасі́ov є́тькрı $\theta$ єіс


 $\rho o v \kappa \alpha[\tau \dot{\alpha} \tau] \dot{\alpha}$ סó ${ }^{\prime} \alpha \nu \tau \alpha \tau \hat{n}$
 $\chi$ ос $\lambda a[\chi \dot{\omega}]] \geqslant \chi \dot{\omega} \rho a c \pi a \rho a-$
15 тєcoúç［ $\eta$ ］！єicáz $\omega$ є́ $\mu a v-$





 val $\pi \rho[$ òc $\tau]$ ò к $\kappa \dot{\alpha} \mu є \in \epsilon \tau[\alpha c-$

$\delta \omega \rho \epsilon[\hat{\alpha c}$.$] （धैтоvc） \beta^{\prime}$
Av̇токра́торос Kaícapoc
Mápкov Av̉pך入íov K入avoíov
Eủcєßoûc Eủrvxoûc
C $\epsilon \beta$ асто仑，$T \hat{\imath} \beta \iota \iota \theta^{-}$．
（m．2）Àv $\eta \dot{\eta} \lambda \iota o c$ Caparíwv＂E $\rho \omega \tau \tau о с$



（vac．）


оป๋то́с є̇сть o̊ трокєípєンос
ó סıакрı $\theta$ єic каi àvaүорєv－
Өєіс viтท⿱⺈коисє．（m，5）Av̀p $\lambda$ 人（юс）

ס́ ठьакрı日（єic）ồ каі $\gamma v[\omega \rho i \zeta \omega$ ．

$\left.{ }_{\epsilon} \epsilon^{\prime}\right] c \tau \iota \nu$ ó $\delta \iota \alpha \kappa \rho \iota \theta(\epsilon i c)$ öv $\kappa(a i) \gamma \nu \omega[\rho i \zeta \omega$ ．


iii

र раццатєî］сітทрєсiov

A $\mu \mu \omega \nu i o v ~ \tau о \hat{v} ~ \triangle i \delta v ́ \mu о v ~$



фóסov $\triangle$ คó $\mu$ ov $\Gamma$ v $\mu \nu \alpha c i[$［ov



$\kappa \alpha \tau \alpha ̀ ~ \tau \alpha ̀ ~ \delta o ́ \xi \alpha \nu \tau \alpha ~ \tau \hat{n} \kappa \rho a \tau i[\subset \tau \eta]$
ß оvл $\hat{\eta}$ є̇ $\pi i \lambda \lambda о \gamma \chi o c ~ \lambda a \chi[\grave{\omega \nu}$
$\chi \omega \dot{\rho} \alpha с$ таратєсоv́cŋ؟ $i c \alpha ́ \gamma \omega$
15


## 



 $\tau \alpha \gamma \hat{\eta}$ 人и $\pi \rho o ̀ c ~ \tau о ̀ ~ \kappa \alpha ̉ \mu \grave{~} \mu \epsilon \tau \alpha-$
 $\delta \omega \rho \epsilon \hat{[ }[c$. (हैтоvc) $\beta$ Av̉ro]кра́торос



25 $C_{\epsilon \beta \alpha c \tau[0] \hat{v}, M \epsilon \chi \epsilon i \rho \quad(\mathrm{vac} .)}$



 $\gamma \rho \alpha ́ \mu \mu а \tau \alpha$.


 cข̀v $\dot{\epsilon} \mu \mathrm{o}$ [í
29 їтєр, 1. єіठótoc
$3^{1}$ avp $\left.\rho^{\prime}, \epsilon\right)$
$3^{1-2} \epsilon \pi \kappa \kappa \rho \iota \theta^{-}$
32 avayopeve-

Col. ii 'To Aurelius Plution, secretary of the corn dole, from Aurelius Sarapion, son of Eros, grandson of ... , mother ...., from the glorious city of the Oxyrhynchites. Being listed in the Gymnasium Street quarter, scrutinized in the Inth year and twenty years old in the present second year, succession to a place which had fallen vacant, I enter myself in place of Theon, son of Dioscurides grandson of Theoxenus, mother Theonis alias Arsinoe(?), listed in the same quarter, deceased, and Aurelius Claudius Pius I too may share the gift of the corn dole. Year 2 of Imperator Caesar Marcus mitted (the petition). I, Aurelius Heracles alias Demetrius, son of Sarapion, wrote on his behalf since he does not know letters. (3rd hand) Aurelius Serenus, scrutineer: This is the person scrutinized, who also answered when his name was proclaimed. (4th hand) Aurelius Besammon, and associate electors: This is the aforesaid person, who has been examined and answered when his name was pro claimed. (5th hand) Aurelius Theon, witness of identity: This is the person examined, whom I also dentify. (6th hand) Aurelius Antonius, witness of identity: This is the person examined, whom I als
Col. iii 'To Aurelius Plution, secretary of the corn dole, from Aurelius Abinounis, son of Am monius, grandson of Didymus, mother Taüris, from the glorious city of the Oxyrhynchites. Being listed in the Gymnasium Street quarter, scrutinized in the Irth year and (twenty?) years old in the present second year, and in the last draw in accordance with the decrees of the most excellent council son of Apollonius, grandson of Apollonius, mother Xenarchis, listed in thyself in place of Tryphon,
and I ask to be enrolled so that I too may share the gift of the corn dole. Year 2 of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus, Mecheir (day omitted). (2nd hand) I, Aurelius Abinounis, submitted (the petition). I, Aurclius Thonis, alias Achillas(?), wrote on his behalf since he does not know letters. (3rd band) Aurelius Serenus, scrutineer: This is the person scrutinized, wh
also answered when his name was proclaimed. (4th hand) Aurcius Besame are mostly broken away.
Col. ii I There may have been item numbers in the top margins, which are mostly broken away.
he traces of col. i are enough to show that it was another application of the same general type but are otherwise negligible.
 the word is known only from P. Ryl. 77, 43, 44, 49. The meaning there is obscure but it it explained
 if it means 'ordered that it was not to be permitted (i.e. no one was to be admitted to the office of exegetes) without the backing of three persons (already) designated to that office'. Here it may possibly be an attempt to represent the Latin technical term 'subsortior', compare the translations in CGL of

 Suet. Ful. 4I 'quotannis'), but at Oxyrhynchus applications as a result of success in the lot cover the months of Thoth, Phaophi, Tybi, and Mecheir, suggesting that lots were drawn more than once a year. Possibly the main event was in Thoth ( 2892 i, ii, 2893 i, il?), at the beginning of the year,
 'gaining a place from the supplementary lottery'. This, however, does not appear to suit the passage tered their petitions in Tybi and Mecheir were simply slow to apply, see Introd., p. 3.
37 रє اрогoonтal. This word is new in the papyri and exists otherwise only in the glossaries as the quivalent of the Latin 'creator' in its meaning of 'one who elects or nominates to office', CGL ii 476 43, iii 444,$32 ; 476,2$. The text of the present subscription makes it clear that they were acting fo the phylarch, cf., e.g., 2892 i $25-7$. Luckily 2936 illuminates this a little by showing a xip(orovqrîc) acting for a person who is ill, no doubt the phylarch again (2936 ii $9,12,15,18,21$ ). Perhaps 2936 also refers to another person may is managing been, as it were, chairman of a committee deputizing for the phylarch. It is not clear whether Besammon held this post or whether he was just one of the ordinary committee members.

Col. iii io $[(\dot{\varepsilon} \tau \hat{\omega} v) \kappa$ ? This restoration is probable because scrutiny usually took place at the official age of 14, cf. ii 10 and Introd. p. 21.

## 2895

23 3B.13/E(1-2)a
$15 \times 25 \mathrm{~cm}$.
A.D. $269 / 70 ;$

14 Jan., A.D. $27^{\circ}$
i
...... $\dot{\epsilon}_{\epsilon \pi \iota \kappa \rho \iota \theta \epsilon i c}$




$\chi \lambda \alpha \mu v \rho \circ \phi \circ \rho \epsilon \hat{\imath} \nu \mu[\epsilon \bar{\epsilon} \lambda-$
入ovcı $\chi \omega \dot{\rho} \rho \alpha \nu \tau \epsilon \epsilon \not \epsilon \chi \omega \nu$

тั̀v ả้ті Xаıрŋ́норос
10
то仑̂ каі Bخса́ $\mu \mu \omega \nu$ ос
$\tau \epsilon \tau \epsilon \lambda \epsilon v \tau \eta \kappa о ́ \tau o[c] \kappa \alpha \underline{̣}$
$\hat{\alpha} \xi \iota \omega \mu \epsilon \tau a \subset \chi \epsilon \hat{i}[\nu \tau \hat{\eta} c$
т］ $0 \hat{v}$ сıтךрєciov $\delta \iota a \delta o ́-$
c］$\epsilon \omega c$ ．（єैтоис）$\beta^{\prime \prime}$ Аข่токра́торос
15
$K] а i ́ c \alpha \rho о с ~ М а ́ \rho к о и ~ A v ̉ \rho \eta \lambda i ́ o v ~$

C $\epsilon \beta$ астои．（vac．）

оюка．T．．к入．．．

$\mu \eta$ ìóтос $\gamma \rho a ́ \mu[\mu a \tau \alpha$ ．




．．．．］．$\iota a v o ̀ c ~ \gamma \nu \omega c\left[\tau \eta{ }^{\prime} \rho\right.$ ．

סıккр］$\theta \epsilon i c$, öv ка̣ị $[\gamma v \omega \rho i \zeta \omega$.
（m．5）$\left.A \dot{v} \rho\left(\eta^{\prime} \lambda \iota o c\right).\right] \rho i \not \omega \nu \gamma \nu \omega c\left[\tau \eta \rho^{\prime} \rho\right.$.
30

ठıакрі园ic，］ôv каi $\gamma \nu[\omega \rho i \zeta \omega$.
（m．6）．．．．．．．．．］．．$a \pi \circ[$
．．．．．．．．．．．．．．．．．．．［

हitvхо仑ै［c］Cє $\beta$ асто $T] \hat{\nu} \beta \iota \theta^{\theta-}$ ．
（m．2）A］v̉рท́入ıос Пєки́сьос［Caратí－

（m．3）$A v u^{\prime} \rho \eta_{1} \lambda \iota \propto \AA \mu \mu \nu \tau \tau![\alpha] \nu$ òc

Col. i '. . . scrutinized in the aforesaid quarter and being twenty years old in the present second year and enrolled among those who are to wear the chlamys and having a place as a result of the draw, I enter myself in place of Chaeremon alias Besammon, deceased, and ask to share the distribution of the corn dole. Year 2 of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus, (month and day omitted). (2nd hand) I, Aurelius Heras, submitted (the petition). I, .... wrote on his behalf because
he does not know letters. (3rd hand) Aurelius Serenus, scrutineer: This is the person scrutinized, who also answered when his name was proclaimed. (4th hand) Aurelius Theon alias ... ianus, witness of identity: This is the aforesaid, the person examined, whom I also identify. (5th hand) Aurelius . . . rion, witness of identity: This is the aforesaid, the person examined, whom I also identify. (6th hand)

Col. is ‘... from Aurelius Pekysius, son of Sarapion, grandson of .... mother Theonis (daughter of ...?), from the glorious city of the Oxyrhynchites. Being a citizen of the nome capital and one who scrutiny that I presented in the I Ith year and having been enrolled by the phylarch of our quarter in the records submitted by him in the category of . . . by mistake ... and having a place in the stead of $\ldots$ (son of?) Claudius..., deceased, I enter myself so that I too may share the gift of the corn dole. Year 2 of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus, Tybi rg. (2nd hand) I, Aurelius Pekysius, son of Sarapion, submitted (the petition). (3rd hand) Aurelius Amyntianus, formerly phylarch: He is the aforesaid. .
 $\chi$ 入apupóc 'luxurious' and xגauvpic' 'oats', some sort of pun may have been intended, but more likely of the chlamys signifies some special rank or privilege in the Egyptian cities but the exact meaning of it is still unknown, see the discussion in TAPA lxxi (1940), pp. 383-90

Col. ii $8 T \in \mu$ ov $\theta \in \omega c$. A new variant spelling, if correctly read; see Rink, Strassen- und Viertelnamen von Oxy., p. 35, cf. $2918{ }_{7}$.
${ }^{1} 3^{-16}$ The exact interpretation of these broken lines is not yet clear, but it seems likely that this applicant claims that he has been listed wrongly by the phylarch in the category of $\dot{\rho} \epsilon \mu \beta$ of or $\dot{\rho} \boldsymbol{\mu}^{\prime}$ ódoyoh, though he is in fact a citizen who has been successful in the lot
' $\mathrm{X}, 17$ K $\lambda$ avoiov. This is not necessarily a Roman gentilicium. The most likely pattern is perhaps: ' X , son of Claudius, grandson of Y, mother Z, alias Diogenis(?)'.


${ }_{29-31}$ This is different from the phylarch's usual subscription-references in 2927 introd.-and the meaning of it is obscure. The first letter might be ]a or ] $\xi$; after $\varphi$ perhaps $\psi$ or $c$.

## 2896

$\left.\tau \grave{\alpha} \delta^{\prime}{ }^{\prime} \alpha \nu\right] \tau \alpha \tau \hat{n} \kappa \rho \alpha \tau i c \tau[\eta$ ß

 ........ . $\Pi$ ]avỉov Cшкра́[тovc ..

5
. . . . . . . . .] д дттро́с Паv[. . . . . . .


$\tau o ̀ ~ \kappa a ̉ \mu \grave{\epsilon} \mu \epsilon \tau \alpha] c \chi \epsilon \hat{\iota} \nu \tau \hat{\eta} c \tau[o \hat{v}$
сєт $\rho \in \epsilon$ iov $\delta] \omega \rho \epsilon \hat{\alpha} c$. (vac.)
(є̈тоис) . Av̉ток] ра́торос Kаíca[рос

Ev̉rvxô̂c $\left.C_{\epsilon} \beta a c\right]$ тov̂ $\Phi_{\alpha \hat{\omega} \phi v ~[(d a y) . ~}^{\text {d }}$
(m. 2 ) $\qquad$ .]. á $\mu \mu \omega \nu \circ с$ є́ $\pi[\iota \delta \epsilon ́ \delta \omega \kappa \alpha$
...].á $\mu \mu \omega \nu$ є้ $\gamma \rho a[\psi a$
${ }^{1} 5$
(m.3)

 ข์тท́ккоисеv ]
(m. 4) . . . . . . . . . . .]. с үєvó( $\boldsymbol{\text { иєvoc) фv́久apxoc }}$

20
. ov oữ

$$
\text { . . . . . . . . . . . . . } \pi \rho o] \kappa i \mu \in \varphi o[c ~
$$


'(In accordance with?) the decrees of the most excellent council having obtained by lot the succession to a place which had failen vacant, I enter myself in place of... (alias) Paul, son of Socrates, grandson of .... mother Pau.... of he the sift of the corn dole. Year ... of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus, Phaophi (day). (2nd hand) $\mathbf{I}, \ldots$, son of $\ldots$ ammon, submitted (this petition). I, ... ammon, wrote on his behalf because he does not know letters. (3rd hand) ... , scrutineer: This is the person scrutinized, who also answered when his name was proclaimed. (4th hand)...., ex-phylarch: ... thus ... aforesaid ..

2 e่miloyरoc. Cf. 2894 I3.
 $\delta \pi \rho \rho] \kappa / \mu \in \varphi \rho[c \kappa \tau \lambda$, , cf. 2892 i 25 . If so, the illegible part before oüt $\omega c$ might be part of the phylarch's
 followed by the name of a deputy.

## 2897

223 B.15/D( $12-13$ ) C
$2.5 \times 9 \mathrm{~cm}$.
A.D. $268-70$

For the formulas cf. 2894, 2896.
$\tau] \hat{\eta} \subset \lambda \alpha \mu \pi \rho[\hat{a} c$
àvayoa]фó $\mu \in \boldsymbol{v} \boldsymbol{c}[$
$] \epsilon \pi \pi \kappa \kappa \iota \theta \in[i c$
]stripped[
5
stripped[
$\lambda a \chi] \dot{\omega} \nu \chi \omega \dot{\omega} \rho a c$ [

A] $\phi_{u ̛ \gamma \chi \iota}$ [c
тo]̣̂̂ av̉rô $\hat{\alpha}[\mu \phi o ́ \delta o v$



## Kaíc]apoc Mọ́[pкоv

## 2898

22. 3B.I4/F(7-8)a
$8] \phi \nu \gamma^{\prime} \chi\llcorner[$
(m. 2) $\dot{\epsilon} \pi \epsilon \kappa\left(\rho i \theta_{\eta}\right.$ ?) (m. 3) $\eta$
(m. І) Ka入тоvрví ' $\Omega \rho i \omega \nu \iota \tau \hat{\omega}$ кратicт[ $\omega$


$\pi a \rho a ̀ ~ A u v p \eta \lambda i ́ o v ~ M e ́ \lambda a v o c ~ ' H \rho a к \lambda \epsilon i ́ o o v ~$
 сוос $\dot{\alpha} \pi o ̀ ~ \tau \hat{\eta} \subset ~ \lambda \alpha \mu \pi \rho \hat{\alpha َ с ~ ' O \xi v \rho v \gamma \chi \epsilon \iota \tau \hat{\omega}[\nu}$ $\pi о ́ \lambda \epsilon \omega с$. $\pi \rho о с \beta$ àc каі є́ $\pi \iota \kappa \rho \iota \theta \epsilon i c$









 $\mu \epsilon \tau \alpha[c] \bar{x}[\epsilon \hat{i}]\rangle \geqslant \tau \hat{\eta} c$ rov cícov $\delta \omega \rho \in \hat{\alpha} c$ $\dot{\epsilon} \pi \iota \kappa \rho \stackrel{[ }{\theta}] \epsilon i c \tau \hat{\varphi} \iota \epsilon(\xi ̈ \tau \epsilon \iota) \kappa a \tau \alpha ̀ \tau \grave{\alpha} \delta o ́ \xi \alpha \nu-$ $\tau \alpha \tau \hat{\eta} \kappa[\rho] \alpha \tau i c \tau \eta$ ß

##  <br> (є̌тоvс) a $[A]$ v̉токра́торос Kаíсарос <br>  <br> Ev̉сє $\beta o[$ v̂c $]$ Ev̉rvхov̂c $C_{\epsilon} \beta a[c]$ rov̂ кай 'Iov入iov A <br>  <br>  (month) (day)] (m. 4) Auv $\eta^{\prime} \lambda \iota\left\llcorner[\mathrm{c}] ~ M e ́ \lambda \alpha c{ }^{\circ} H \rho \alpha-\right.$  <br>  <br> єі̇о́тос үра́ $\mu \mu]$ ата. <br> I $\epsilon \pi \epsilon \kappa^{\prime}$ <br> 10 iepov <br> 14 avar: <br> 20 LES <br> 21 icov <br> ${ }_{23} \mathrm{Lg}$ <br> 24 סoult'тıov

Col. ii '(2nd hand) He has been scrutinized(?). (3rd hand) No. 18. (1st hand) To Calpurnius Horion, the most excellent hypomnematographuts, councillor of the most glorious city of the Alexandrians
from Aurelius Melas, son of Heracleides, grandson of Ammonius (son of ?, alias?) Diogenes, mothe Thaësis, from the glorious city of the Oxyrhynchites. Having reached (the age of maturity) and been scrutinized in the Myrobalanus quarter and having been enrolled in the individual lists submitted by the phylarch for the imperial corn dole, when I took my place at the examination I was unable to produce the proofs of my descent; now necessarily producing my certificate of scrutiny and the proof of my descent, I submit this application and I request that I too may share the gift of corn, since I was crutinized in the $15^{\text {th }}$ year, in conformity with the resolutions of the most excellent council in like Felix Augustus and Julius Aurelius Septimius Vaballathus Athenodorus, the most glorious king, consul, imperator, general of the Romans (month, day). (4th hand) I, Aurelius Melas, son of Heracleides, submitted (the petition). I, Aurelius ..., wrote on his behalf because he does not know letters.'
 are very meagre traces of perhaps io lines of subscriptions on a fairly narrow vertical strip, but nothing
of significance can be read. On the back there are other illegible traces, perhaps of further subscriptions, cf. 2908 ii $44-7$, iii $4^{2-4 .}$
I $\epsilon \pi \epsilon \kappa(\rho i \theta \eta ?)$. This supplement is suggested by the other applications that have a docket $\lambda_{l}(\tau o v \rho \gamma-)$ where they are made on grounds of public service.
6 Acoyévov. This looks like a patronymic of the grandfather, which would be unusual, though see also 2935 ii 8 n . It may be better to take it as an alias of Ammonius, which is what is implied by the name, see P. Mich. v, Introd. p. 15
 1028 If, 1202 I8.

 pp. 98-9.

## 

elegant, and probably it is best simply to recognize that the text is badly drafted.
decree has been passed in the most excellent council that those who have some claim should declare it
within three months so that they may obtain redress after the matter has within three months so that they may obtain redress after the matter has been examined, I submit this petition that you may give orders to the phylarch of the specified quarter, in which I have also done public service, (to submit) my name among those to be proclaimed...'
Col. ii I. [. Trace of an item number or a docket in the top margin. There are very slight traces of the previous item.

2 [ $A x d \lambda \lambda \in i \in$ Cf. Introd. p. 3 I.
6 סıaкроєтaic. $\delta$ cákpuctec is apparently any sort of ad hoc examination, e.g. of goods supplied to the government by way of tax. The other occurrences of the word $\delta\left(a \alpha \kappa p+r^{\prime} \bar{c}\right.$ seem not to be connected with this particular process ; P. Giss. 58 ii $1 \mathrm{r}, 59$ i 7 a, , BGU $734,6,32$, SB $\mathrm{V} 7741,9$.
 which seems promising at first sight, as either $\pi \rho o$ or $\pi \rho \delta \dot{\tau} \epsilon \rho \rho c$, but the solution is still to be found. I4 $\pi a \rho \epsilon[i \theta \eta v$. The finite verb is restored in an effort to make grammar, but the cail suggests that the writer actually put $\pi a \rho \in \theta \in i c$ and ignored the absence of a main verb.

16 For the restorations compare 29005 seqq.

4 rB. $75 / \mathrm{G}(\mathrm{i})$
2900
$7 \times 12 \mathrm{~cm}$.
]evт...[. . . ]. .[. . . ].[. .].


ov] т $\uparrow$ ท̂c $\delta \iota \alpha\langle\delta o ́\rangle \subset \in \omega c \beta \imath \beta \lambda i \omega \nu$



 $\pi \alpha] \rho a \theta \theta \in ̣ \in[c] \theta \alpha \iota \pi[\rho]$ òc $\tau$ ò $\delta \iota a-$ кр८ө́́vтос то仑̂ тра́yцатос


 $\star \eta \tau \in \tau \hat{\varphi}$ фu入á $\rho \chi \eta$ тov̂ $\delta \eta$ ov $\mu \in$ vov auфóov є $\Phi$ ov кai
 $\tau \epsilon p]$ ov oैvo $\mu$ a ėv тoîc àvayo-
 $\pi \rho o ̀] \subset \tau o ̀ ~ \kappa \alpha ̉ \mu \grave{\epsilon} \tau \hat{\eta}[c \tau] \rho \hat{u}[c]!\tau \hat{\eta}-$ $\rho \in c i]$ ov סócє $\omega[c$

Col. ii 'To Aurelius (Achilles?), temple servant of the great Sarapis, the most excellent hypomnematographus, and to the examiners chosen by the most excellent council, from Aurelius Longinus, son of Theon, grandson of Theon, mother Diogenis, from the glorious city of the Oxyrhynchi. Although because I was away from home I was also mistakenly passed over by the phylarch. So then, since a
$7.5 \times 17 \mathrm{~cm}$.
$A \dot{v} \rho \eta \lambda \hat{i}\left[\omega{ }^{2} A \chi \lambda \lambda \lambda \epsilon \hat{\imath}\right.$ ?
$\nu \in \omega \kappa[$ óp $\omega$ rô $\mu \epsilon \gamma$ ádov] Ca-





$\tau \rho o ̀ c \Delta \iota o \gamma \epsilon v i ́ \delta o c \dot{\alpha} \pi^{\prime}$ ' $O \xi v \rho[\underline{v}] \gamma-$
$\chi \omega \nu \pi o ́ \lambda \epsilon \omega c \tau \hat{\eta} c \lambda \alpha \mu \pi \rho \hat{\alpha c} c$ हो-



$\mu \circ<\tau v \nu \chi \alpha ́ v \omega \nu$ каi $\pi \alpha \rho \in[$ [ $\theta \eta \nu$





$\pi \rho o ̀ c ~ \tau o ̀ ~ \delta \iota a \kappa[\rho \iota \theta e ́ v \tau o c ~ \tau o v ̂ ~ \pi \rho \alpha ́ ́-~$

$\chi \in i ̂ \nu, \epsilon \in \pi \delta \delta i \widehat{S}[\omega \mu \iota \tau \alpha v ́ \tau \eta \nu$
$\tau \grave{y} \nu \dot{\alpha} \xi i \omega c \iota[\nu$ örт $\omega \in \kappa \in \lambda \epsilon v ́ c \eta$ -
$\tau \epsilon \tau \hat{\varphi} \phi u \lambda \alpha ́ \rho \chi[\omega \tau o \hat{\alpha} \delta \eta \lambda o v \mu \epsilon ́-$



. . . . . .].[

$$
90 \xi \nu \rho[v] \gamma^{\prime} \quad 12 \delta S
$$

'(I was passed over in) the records of the distribution submitted by the phylarch of the Metroum quarter (perhaps?) by mistake. So then, since a decree has been passed in the most excellent council that those who have some claim should declare it within three months so as to obtain redress after the
matter has been examined, for this reason I submit this petition that you may give orders to the phylarch of the specified quarter, in which I have also done public service, to submit my name among those to be proclaimed so that I too (may share) the gift of the corn dole. . .'
${ }^{1}$ The sense requires something like $\left.\left.\pi a \rho \epsilon\right]\right]_{i}\left[\left[\eta \nu \delta_{l}\right] d \dot{d}[\tau \hat{\omega}] p\right.$ here, but the traces are minute.
$3 M_{\eta \tau}[\rho] \phi \dot{\psi}-$. The remains are very scanty, but the only other possibility is Mypoß[ax] $\alpha\{[\nu o v]$, which would be cramped in both lines.
${ }_{5}$ Perhaps $\left.i c\right] \omega c$, cf. $2110_{5}, 14,32,1202$ 22. Or this place might suit $\left.\pi a \rho\langle e ?\rangle\right\rangle[\theta[\eta]]$, but the space is very short.

8 тô̂ro èvój]c e.g.; ẻvròc raúrn]c perhaps.


## ${ }_{8}{ }^{13}$

 vene.

## 2901

23 3B.11/D(19-20)a
$8 \times 10 \mathrm{~cm}$.
30 Dec., A.D. 268

## $\tau$. .

$\kappa \in \lambda \epsilon v^{\prime} \not \eta \tau[\epsilon \tau \hat{\omega}] \phi\left[v \lambda \alpha{ }_{2} \rho \chi \omega\right.$ то̂̂ $\pi \rho о к є ц \mu \epsilon ́ v o v a ́[\mu \phi o ́ \delta o v$

5 év тoîc ảvayopevo $\mu$ évo[ᄂc
ävס $\rho \alpha<\iota{ }^{\text {A }} A \lambda \epsilon \xi \alpha \nu \delta \rho \epsilon ́ \omega \nu$
 тòv $\lambda_{\epsilon} \lambda_{\epsilon \iota \tau о v \rho \gamma \eta к о ́ \tau \alpha}$

10
$\mu \in \tau \alpha \lambda \alpha \mu \beta \dot{\alpha} \nu \epsilon \iota \nu .\left(\right.$ ह́тovc) $\alpha^{\prime}$

Kגavסiov Eivc $\in$ Bov̂c Evituxov̂c
$C_{\epsilon} \beta a c \tau о \hat{v}, T \nu \beta ı \delta^{-}$.
(m. 2) Avंpj̀ $\$ ioc

15
...].[

## $10{ }^{\prime}$

'... that you may give orders to the phylarch of the aforesaid quarter to submit my name too among those men of Alexandrian citizenship whose names are to be proclaimed, so that I too, who have performed a public service, may receive a share of the gift of the corn dole. Year I of Imperator Caesar
-13 This is erliest doted document in the anchive 30 December,
p. 24 for the chronology adopted.

## 2902

$22{ }_{3}$ B. $15 / \mathrm{E}(8-\mathrm{ro}) \mathrm{C}$
(traces of lines $\mathrm{I}-3$ )











 ठıєuтú $\chi \in$.

 $C_{\epsilon} \beta a c \tau о \hat{v} . \Pi_{a ̣ ̂ ̣ v u l} \lambda^{-}$.
(vac.)
 ôc каil ảva



 24 ס८akpt ${ }^{\theta}$, avayop ${ }^{\top} u m \eta^{k}$ ?

Col. ii '. . . and scrutinized in the first year (and having reached the age?) of 16 years and been enrolled in the (register?) submitted by the phylarch of the aforesaid quarter for the distribution of corn to 16 -year-olds in the category of scrutinized persons, and up to now not having answered to my name because of having been away from home on unavoidable duty following the army, now, having come home and shown my certificate of scrutiny, and explaining that I have been enrolled in the records, as I said before, I ask that I too, being a citizen and of local birth, submitting also this petition,
(may share?) the gift of the corn dole on the same terms as those in the category of scrutinized persons. Farewell. Year 3 of the Imperator Caesar Lucius Domitius Aurelianus, Gothicus Maximus, Pius Felix Augustus, Payni 3o. (2nd hand) Aurelius Serenus, scrutineer: This is the scrutinized person, who also answered when his name was proclaimed. (3rd hand) Aurelius Sivanus, witness of identity: I
identify the aforesaid person, who is as described, and he is the same person who was examined and answered to his name at the muster.

Col. ii $1-3$ Traces of these lines remain on fibres that are too loose and confused for any coherent account of them to be given, even though we know that the form of it was roughly: 'To $\mathbf{X}$, (plus title), from Y , son of Z , grandson of A , whose mother is B , listed in the C quarter .


 after фu入ápxov (6) or perhaps better atter citodociav (7)

8 seq. $\tau \hat{\varphi} \ldots \pi$....ccrpartevceat. Possibly during the recapture of Egypt for Aurelian, cf. Introd.

${ }^{15}$ Certainly $\tau \eta$ not $\tau \hat{\eta} c$ was written, but $\delta \omega \rho \in \hat{\epsilon} ¢$ cooks probable and a verb has been omitted.
17-19 Compare Introd. pp. 24-5 for the interpretation of this date, which is equivalent to 24 June, . 272 , according to the chronology adopted here.
A.D.
Iovvetcoû. The SHA says that Aurelian defeated the Goths on his way to face Zenobia (Aur. 22, 1-2), but even if this is reliable no argument about the date can be based on the absence of a title referring to the defeat of the Palmyrenes, e.g. Parthicus, Persicus, Palmyrenicus, because no such title is yet Titulatures, p. 123).

## 2903

23 3B.ir/D(r6)a
${ }_{13} \times 15 \mathrm{~cm}$.
c. A.D. $27 \mathrm{I}-2$










(є̈тоис) [. Av̉]токра́тор [ос Kaíca]poc̣

Eủrvхои̂c $\left.C_{\epsilon} \beta a\right]_{\text {cто̂ }}$ [

'To Calpurnius Horion, the most excellent hypomnematographus, from Aurelius Sarapion, son of ... grandson of Ptolemaeus, mother Thaësis, from the glorious city of the Oxyrhynchites. Having reached (the age of maturity) and undergone scrutiny in the Hermaeum quarter in the 1 gth year of the reign of Gallienus and having been enrolled in the list submitted by the phylarch of the aforesaid quarter, on the occasion of the muster of persons of the same condition as myself that took place then Inappene
to be away from home; now however that I have arrived (home) I declare myself and ask that $I$ too may share the gift of the corn dole on equal terms with persons of the same condition as myself in accordance with the decree of the most excellent council. Farewell. Year ... of the Imperator Caesar Lucius Domitius Aurelianus Pius Felix Augustus (and Vaballathus? month, day).'

I The top margin is almost entirely lost and with it any docket or item number. The joins at either side show that this too is from a roll file, but only a few spots of ink remain from the flanking items.
$7 \iota \gamma\left({ }^{(\sigma \pi \tau \epsilon)}\right.$ etc. $=$ A.D. $265 / 6$.
${ }_{10}$ тóre. This ávarooia took place in A.D. $265 / 6$. Though the possibility can be envisaged that thes oll calls may not have been specifically concerned with the corn dole, see Introd. p. 6 , the wording
 how that they were. Consequently it is probable that the dole was being issued in A.D. $265 / 6$ an there were doles in or around A.D. 26I, see Introd. pp. 1-2.

## 2904

22 3B.15/D(I-3)a
$10 \times 23 \mathrm{~cm}$.
17 April, A.D. 272

## (m. 5) $\lambda_{l}($ rovp $\gamma-)$












$1 \lambda \quad 2 \alpha \rho \xi^{\prime}$
3 阝où 4 र $\rho \mu$ ) 5 крऽ
 $\tau \alpha \dot{\alpha}[\epsilon \iota] \mu \epsilon \tau \alpha \subset \chi \epsilon i ̂ v . \delta \iota \epsilon v \tau v \not \chi \epsilon \iota$ ．
15 （m．2）（ढैтоис）$\beta^{\prime \prime}$ Аưтокра́т［орос Kaicapoc \оvкíoy $\triangle$ our［ $\tau i ́ o v$ Aúp $\lambda_{\iota} a v o \hat{v}$ Eúceßoû［c
Ev่тvхои̂c Cєßactov̂
каì（érovc）є＂＇Iov入íov
20
Aùpŋ入iov Cєттинiov Ov̉aßa入áOov

阝асілє́шс viттárov аv̉токра́торос

$\Phi_{\alpha \rho \mu} \hat{\imath} \hat{\theta}_{l} \kappa \beta$－


$\mu \grave{\eta}$ єióóтос үрव́ $\mu \mu a \tau a$ ．
Verso，across the fibres：（m．4）．．$\Phi_{\alpha \rho \mu} \mu_{0} \hat{\theta}_{\iota}$

## ${ }^{1}$ L $\beta^{\prime \prime}$

$$
\text { 19 } L \epsilon^{\prime \prime} \text { Iovגᄎเov }
$$

＇（5th hand）Liturg－．（1st hand）To Aurelius Eudaemon，alias Helladius，ex－magistrate，councillor （＇5th hand）Liturg－．（Ist hand）To Aurelius Eudaemon，alias Helladius，ex－magistrate，councillor who have performed a liturgy should share the gift of corn and since I too am performing a liturgy the public donkey service of the nome capital，in the Shepherds＇quarter，which is providing the public service in the present second and fifth year，I ask that the provisions of the decree be observed in my case also and that I may share the distribution of corn in the category of persons of the same condition． Farewell．（2nd hand）Year 2 of Imperator Caessar Lucius Domitius Aurelianus Pius Felix Augustus and year 5 of Julius Aurelius Septimius Vaballathus Athenodorus the most glorious king，consul， petition）．I，Aurelius Dioscurides，wrote on his behalf since he does not know letters．＇．
 are correct this is a short way of referring to a tribe that probably included more than one ä a $\mu \phi o \delta o \nu$ and provided public servants for a year at a time．The tribe could probably have been described


27 Below this line is $c . ~ £ \mathrm{~cm}$ ．of blank papyrus，but the edge is broken and it may be that other subscriptions followed．

28 ．$\Phi_{a \rho \mu \nu} \hat{\theta} 0$ ．The traces are perhaps to be read $(\pi) \rho(o c) \gamma^{\prime}(\nu \in \tau a u)$ in the form $R^{3} x^{n}$（see 2915 20 n ．）．Another appropriate possibility is $\lambda^{+}=\lambda \epsilon($（ $o v \rho y-)$ ，but the abbreviation usual in this archive for this word has the iota underneath the lambda（cf．I）and the final traces here are a probable iota cut across by a horizontal．

If $(\pi) \rho(0 c) \gamma(\nu \in \tau a z)$ ，＇he joins the recipients＇，is right，it is perhaps of significance for the interpreta－ tion of the council＇s decree that the $\lambda \in \lambda \epsilon \epsilon \tau 0 v p \gamma \eta \kappa$ кó $\epsilon \epsilon-$ past tense－should share the dole．One might satisfactorily．This man uses the present tense（8），which suggests that the decree was interpreted generously，but the possibility remains that he finished his term of service satisfactorily between 22

## 2905

（m．2）！．（m．3）$\in \dot{\xi} \in$ ．．［


$5 \quad \pi \alpha \rho \alpha ̀ ~ A v j \rho \eta \lambda i o v ~ \Delta i \delta u ̛[\mu о v$

 то́ $\lambda \epsilon \omega с$ ．ảvаүрафо́ $\mu \epsilon \nu о с$ è $\pi$＇á $\mu$ фо́סov＇Hpưov ＇$\phi^{\prime}$＇ov̂ каì è $\lambda \epsilon \iota \tau о u ́ p \gamma \eta \subset a$
 тov̂ ảu申óסov фv入ápxov

${ }^{15}$

## 7 osvpu $[\gamma]^{x}$

（2nd hand）No． 13 （？）．（3rd hand）．．．（rst hand）To Aurelius Plution，secretary of the corn dole， from Aurelius Didymus，son of Hermias，mother Thaësis，from the glorious city of the Oxyrhynchi． ce，since I was passed over Being listed in the Heroum quarter，in which I have als dole submitted by him，I ask ．．．

I Very faint traces，perhaps accidental ink．
2 Perhaps $~$
$y$
Above and to the right of the second epsilon of $\dot{\epsilon} \xi \xi$ ．．［ there is a stroke rising upwards to the right． It might be part of yet another line above，but the ink looks the same，so it is best taken as a letter written above the line or a mark of abbreviation coming rather far back；$\xi$ is linked to the following written above the line or a mark of abbreviation coming rather far back；$\epsilon$ is linked Plution that con－ letter which looks like $\tau .[$ or $\pi$ ．．Since this is the only petition thataressed tor of order，see Introd．p．32．
 mark above the line．All this is very doubtful．

## $17.5 \times 23.5 \mathrm{~cm}$.

i
A.D. $270 / \mathrm{x}$ ? $;$ 2 Nov., A.D. 270


17 1. $\mu] \varepsilon$

## ii

(m. 4) $\kappa \delta$
 $\tau \in \hat{i}$ cıтทрєcíov [

5
ब̂v тól

 uaiov є̀ $\phi^{\prime}$ ô каi [. . . . . . . . .
ঠŋpocíav ò $\eta \lambda$ [acià . . . . .
10
.........[. . . . . . . . . . . . . . .





 $\tau \hat{\eta} \kappa \rho \alpha \tau i \subset \tau \eta[\beta o v] \lambda \hat{\eta}$.


(m. 2) $\left.A v \dot{v} \rho \eta \eta^{\lambda} \lambda o[c] E v\right\rangle \phi[\rho] o c u ́ v \eta c$ є̇ $\pi \iota \delta \in ́ \delta \omega \kappa \alpha$.


25

12 ovk ${ }^{\prime} \quad 23 \epsilon \pi v \delta o^{\theta}$

Col．i＇（5th hand）No．23．（sst hand）To Calpurnius Horion，the most excellent hypomnemato－
graphus，from Aurelius Anicetus，son of Sarapammon，mother Isidora，from the glorious city of the Oxyrhynchites．Whereas it has been decreed in the most excellent council that persons who have performed a public service shall share the gift of the corn dole and I myself am now performing in the
Hermaeum quarter the public service of the ．．．of the nome capital，but the phylarch of our quarter has omitted my name from the records of individuals submitted by him of persons of the same con－ dition as myself，I necessarily make submission of this petition asking that I be enrolled，so that I may be able to share in the distribution of the corn dole，in accordance with the resolutions of the most ex－ cellent council，on equal terms with persons of the same condition as myself．Farewell．Year I（？）of Imperator Caesar Lucius Domitius Aurelianus Pius Felix Augustus and Julius Aurelius Septimius 26 ．．． $26 \ldots$ Col．ii＇（4th hand）No． 24 ．（Ist hand）To Aurelius Plution，secretary of the corn dole，from Aurelius
Euphrosynes，（freedman？）of Diogenes，（ex－？）exegetes（．．．？）of the glorious city of the Oxyrhynchites． Being listed in the Hermaeum quarter in which also I（have performed？am performing？）the public donkey driving service．．．I did not answer to my name，since I happened to be abroad，now however having arrived（home）and（learnt this？），I submit the petition asking to share the corn dole in ac－ cordance with the resolutions of the most excellent council on the mitter．（the petition）．（3rd hand） If he was enroiled in the list submitted．．．？
Col．i in Supply the name of the liturgy，e．g．óvŋ入aciav，фu入aкiav，ėmoioouńv，cf．N．Lewis，Inventory of Compulsory Services，s．vv．
2I（E̛Touc）a．Restored on the basis of the length of the gap in line 23，which is long enough for $\left.C_{\epsilon} \beta a c r o v \kappa \alpha a i l\right]$ only．If it was late in 11 Aur． 4 Vab．or in 2 Aur． 5 Vab．，there would be a figure as Tov̂ èveccoũoc étouc，i．e．early in the same Graeco－Egyptian year as I Aur．（4）Vab．
 estimating the latter＇s length．The trace is a mere dot．
 $\epsilon\}$ public service．So then，if you find that he speaks the truth，enrol him（immediately？）in the proper category．＇
 since there are two slaves called Euphrosynus in P．Mich，v 326， 7,28 and 9,18 and another in 1451 ［6］，［8］，32，whose name appears in the genitive as Ev申pocivov．If ámeोev］${ }^{5} \hat{\rho}$ दpov is correct，this is the only recognizable application from a freedman in the archive
ro This is illegible because of the rapidity of the writing，which is not much damaged．
II $\xi \xi!\tau \eta \rho \xi[$ cim would be suitable，but in 3 and 16 the word is written without iotacism and the conventional spelling would not suit these traces．


23 It seems that in $10-11$ he must have claimed that he had been registered as properly entitled to the dole．

24 One might expect $\left.\kappa a i{ }^{\dot{\epsilon}} \mathrm{e} \tau \alpha \gamma \gamma\right\}[\tau] \omega$ ，but it seems not consistent with the traces．


## 2907

$233^{\text {B．ir1／D（7）C }}$
$12 \times 13 \mathrm{~cm}$ ．
i
 то̀ кव̉นє่ $\mu \epsilon \tau \in ́ \chi \epsilon \iota$［ $\tau \hat{\eta} c$ тôv cєєт $\eta \rho \in c i o v o v-$ $\rho \epsilon \hat{\alpha} c \kappa \alpha \theta^{\prime}$ icov $\tau \hat{\omega} \nu$
 $\tau \omega \nu \tau \circ \hat{v}$ ย่vect $\hat{\omega} \tau[\circ<$并T［ovc］，$A \theta \theta \dot{v} \rho[\llbracket.] \epsilon^{\prime}$
 $\epsilon \in[\pi \downarrow] \delta \epsilon ́ \delta \omega \kappa \alpha$.
эо $\quad A \hat{v}[\rho]$ ńdeoc AraOòc $\Delta$ aí
 $\mu \grave{\eta}]$ є̣i̊óтос $\gamma р а ́ \mu \mu а т а$.
（m．3）．．］．．．$\lambda \iota \tau \rho \cup ̣ \rho() є ч \tau \alpha$ ．．．．．．］．тท̂ oiккía 15 ．．．．．．］$\tau \alpha ́ \xi \in \iota$
（m．4）．．．．．．］．．．．．．．

13 גıcoup
ii
．．］．［
$\left.{ }_{\alpha}^{\alpha}\right] \nu a \gamma \kappa a[i \omega] \leqslant[\tau \hat{\omega} \nu \delta \epsilon \tau \hat{\omega} \nu$


（vac．）
 $\tau \epsilon \tau \epsilon \lambda \epsilon v \tau \eta \kappa о ́ т о с ~ \pi \rho o ̀<~ \tau \grave{̣}$ $\delta[\hat{v}-$ vac\&aí $\mu \alpha \iota \mu \epsilon \tau \alpha \subset \chi \epsilon!\hat{\varphi} \tau \hat{\eta} ؟$
 $\tau \hat{\nu} \nu \dot{\circ} \mu \circ i \not \omega \nu \mu \circ v$ кат $\alpha$ т $\tau \dot{\alpha}$

 є̈тovc, $A \theta \dot{v} \rho$ [.].

a]v $\pi a \rho c i \theta \eta$. $\dot{\alpha} \nu \tau \in \iota c a \chi \theta \eta^{-}$
$\tau] \varphi$ т $\hat{\eta}$ оiкєiaq $\tau \alpha \dot{\alpha} \xi \in[\iota] \dot{\alpha}$ -
үал $\eta \mu \phi \theta \in i c$.[.....
.occev. . .[.]. .[. . . . .

20

$\tau \hat{n} \beta \iota \beta \lambda \iota \circ \theta \eta \eta^{\prime} \kappa \eta$.
81. $\mu \epsilon \quad{ }_{9}^{4}[\gamma]$ evo $\mu$ -

Col. i '. . . my name so that I too may share the gift of the corn dole on equal terms with persons of the same condition. Under the consuls of the current year, Hathyr... (2nd hand) I, Aurelius
Theon, submitted (the petition). I, Aurelius Agathus Daemon, wrote on his behalf because he does Theon, submitted (the petition). I, Aurelius Agathus Daemon, wrote on his behalf because he does not know letters."

Col. ii ' $\cdot$. . necessarily making submission of this petition, I ask to be enrolled in place of [left blank], of the same quarter, deceased, so that I may be able to share the gift of the corn dole on equal
terms with persons of the same condition as myself in accordance with the decree of the mose council. Under the consuls of the current year, Hathyr ... (2nd hand) Having performed a public service he was passed over in error; let him be entered for a vacant place in the proper category, having been included (among the? ...). (3rd hand) I, Aurelius Ascl .... former phylarch. The aforesaid person has performed a public service and (is so registered?) in the record office.'

Col. i ${ }^{1} 3-14$ One might expect $e^{\prime} \nu \tau a^{14}\left[\chi \theta \dot{q}_{\tau}\right] \omega$, cf. ii 16 ? , but the trace appears to be the tip of a descender. It may be just a stray dot of ink.
 word in the line, placed centrally.


## 2908

$223^{3 B .15 / D(19) a}$
$15 \times 28 \mathrm{~cm}$.
Dec./Jan., A.D. 270/I;
A.D. $270 / \mathrm{I}$
ii
(m. 7) $\vartheta \gamma \cdot \dot{\epsilon} \pi \epsilon \kappa(\rho i \theta \eta$ ? )
(m. 1) Kалтоv $\nu^{\prime} \dot{\varphi}{ }^{\text {' }} \Omega_{\rho}{ }^{\prime} \omega \nu \iota\langle\tau \hat{\omega}\rangle \kappa \rho \alpha \tau i-$



vovс $\mu \eta \tau \rho \grave{c}$ Xaıрךрорíoc ảтò









тóḍє $\tau \alpha \dot{\alpha} \beta \iota \beta \lambda \iota \alpha$ каi $\grave{\alpha} \xi \iota \omega \mu \epsilon-$


$\delta \iota \epsilon \tau \tau u ́ \chi \in \epsilon$.
(ётоvс) $a^{\prime \prime}$ Av̉токра́торос Kaícaрос
पovкíov पouıттíov Aủp $\lambda \lambda \iota a v o \hat{v}$ Eủcєßoûc
Ev่тvхоиิc $C_{\epsilon} \beta a c \tau o v ̂ ~ к а i ̀ ' I o v \lambda i ́ o v ~$


vinátov av̉токра́торос стратךүо仑̂ ‘P $\omega \mu a i \omega(\nu)$
$T \hat{\nu} \beta \iota \quad$ (vac.)
(m. 2) $\overline{A \hat{v}^{\prime} \eta^{\prime} \lambda \iota о с ~}{ }^{2} A \pi i \omega \nu$ ППлоvтí $\omega$ -


 $10255^{-}$

30 ठóтос $\gamma \rho \alpha ́(\mu \mu \alpha \tau \alpha)$.
( m .3 ) $\pi \alpha \rho o ́ \nu \tau \omega \nu \tau \hat{\nu} \nu \phi \nu \lambda \alpha \rho^{\rho} \chi(\omega \nu) \kappa \alpha i \tau \hat{\omega}(\nu)$ $\gamma \nu \omega \subset \tau \eta \prime \rho \omega \nu \pi \alpha \rho \epsilon \chi \in \dot{\epsilon} \tau \omega \tau \dot{\alpha}$


$35(\mathrm{~m} .4) \pi \alpha \rho \in \delta \epsilon \xi \dot{\varrho} \alpha \mu \eta \nu \dot{\epsilon} \nu \tau \hat{\eta} \tau \alpha \dot{\alpha}$


 vттакоv..............]. (vac.)
 . .]......... [

Verso (m. 8) Ai $\rho \bar{j} \lambda(\iota o c) C_{\epsilon \rho \hat{\eta}(\nu O c)} \gamma \nu \omega c \tau \eta \rho^{\prime} \cdot \gamma \nu \omega-$
45 стєv́w тòv $\pi \rho о \kappa(\epsilon i \mu \epsilon \nu о \nu)$ oै $\nu \tau \alpha$
 каі аv̉то́c є̇стьข ó v́такоv́шข.
30 roas



## iii

(m. 7) $\lambda_{\iota}(\tau o v \rho \gamma-) . \iota$
 $c \tau \omega$ v́торә $\eta \mu \alpha \tau о \gamma \rho \alpha ́[\phi \omega$. $\pi \alpha \rho \alpha ̀ ~ A v j p \eta \lambda i ́ o v ~ C a p a \pi t a ́ \delta o v ~[' O-~$
$5 \quad \phi \in \lambda \lambda i o v \mu \eta \tau \rho o \dot{c} \Delta i \delta v ́ \mu \eta \subset \stackrel{\alpha}{\alpha}[\pi \dot{̀}$
 $\omega c$. ó $\tau \rho o ́ \phi \iota \mu o ́ c ~ \mu o v ~ a ́ \delta \epsilon \in[\lambda \phi o ́ c$,

 $\pi o ́ \lambda \epsilon \omega \subset$, ảvaypaфó $\mu \in \nu$ Гoc हैं $^{-}$ $\pi^{\prime}$ ả $\mu \phi$ ó́ov Nótov Kр $\bar{\mu} \pi \epsilon \hat{\imath} \delta[$ oc
$\mu$. . ос $̈ \nu$ каї д̉vєтікрито[с
....ec катà $\pi \lambda a ́ v \eta \nu$.

## 2908. APPLICATIONS



ạ $\rho \tau \alpha \dot{\beta} \beta \alpha c$ то仑̂ $\subset \in \iota \tau \eta \rho \in \subset$ íov $[\lambda \alpha \mu \beta \alpha-$
ขóvт $\omega \nu$ ठ бар!. [ $c, 10-15$
$\tau$. $\delta \epsilon \delta$ óc $\theta a \iota$. [c. 10-I5
тov $\pi \rho \circ \ldots .[c$. $10-15$
тov લ̉v тô̂c $\tau$.[ $c$. 10-15
.]. גоисı о. $\delta \in .[$.$] . .oıc.[c. 5-іо$



25

тоîc (évvaкocíouc) $\pi \rho o ̀ c ~[\tau \grave{o}] \mu \epsilon \tau \alpha c \chi \epsilon[\hat{i v} \tau \hat{\eta} c$

$p \in a ̂ c . \delta \iota \epsilon v \tau u ́ \chi \in \iota$.
(m. 2) (єैтоис) $a^{\prime}$ Аข̉токра́торос Kаícapoc $\Lambda о v \kappa[i o v$




(m. 3) Av̀p ${ }^{\prime} \lambda \iota o c ~ C a p a \pi \iota a ́ \delta \eta c ~ ' ~ O[\phi \in \lambda \lambda i o v$ є̇ $\pi\llcorner\delta \in ́ \delta \omega \kappa \alpha$.
(m. 4) $\pi \alpha \rho \epsilon \delta \epsilon \xi \alpha \mu \eta \nu \dot{\epsilon} \nu\left[\tau \hat{\eta} \tau \alpha^{\prime}-\right.$
$\xi \in \iota \tau \hat{\omega} \nu \rho \in \mu \beta \hat{\omega} \nu . \quad[$


40

(m. 6)
(vac.?)



то̣̂тоע каі ข̀такоч́оута.


CoI. ii '(7th hand) No. 13. (He has been?) scrutinized. (Ist hand) To Calpurnius Horion (the) most excellent hypomnematographus, from Aurelius Apion, son of Plution alias Horion, grandson of
Diogenes, mother Chaeremonis, from the glorious city of the Oxyrhynchites. Being listed in the South Diogenes, mother Chaeremonis, from the glorious city of the Oxyrhynchites. Being listed in the South
Bank quarter and having been scrutinized in the 1 th year, so that $I$ am in the present ist year 19 years Bank quarter and having been scrutinized in the 13th year, so that I am in the present ist year 19 years
old, I did not answer at the last (?) roll call hecause I was this petition and I ask that I may share the gift of the corn dole along with the am here I submit Year I of Imperator Caesar Lucius Domitius Aurelianus Pius Felix Augustus, and Julius Aurelise Septimius Vaballathus Athenodorus the most glorious king, consul, imperator, general of the Romans Tybi (day omitted). (2nd hand) I, Aurelius Apion, son of Plution, submitted (the petition). I, Aurelius Plution, wrote for him because he does not know letters. (3rd hand) In the presence of the phylarchs and the witnesses of identity let him provide the proofs of citizenship that he may be admitted in the
proper category. (4th hand?) I admitted him in the category of scrutinized proper category. (4th hand?) I admitted him in the category of scrutinized persons. (5th hand) Aure-
lius Plution, alias . . . . . . at the roll call . . . answer ... (6th hand) Aurelius Zoilus Verso. '(8th hand) Aurelius Serenus, witness of identity: I identify the aforesaid any exth . ...' aforesaid as is aforesaid and he is the same person who answers to his name,' Col. iii '(7th hand) Public service(?). No. I4. (rst hand) To Calpurnius
hypomnematographus from Aurelius Sarapiades, son of Ophellius and Didyme, from the most excellent the Oxyrhynchi. My foster-brother Aurelius Aphynchis, son of Dioscorus and Philete, from the same city, listed in the South Bank quarter, being of weak mind(?) and unscrutinized ... by mistake dole... Therefore I submit the petition and request that he be enrolled among the goo so as to share the common gift of the corn dole. Farewell. (2nd hand) Year 1 of Imperator Caesar Lucius Domitius Aurelianus Pius Felix Augustus, and Julius Aurelius Septimius Vaballathus Athenodorus the most glorious king, consul, imperator, general of the Romans (month, day?). (3rd hand) I, Aurelius Sarapi(5th hand) Aurelius Zoilus, ex-phylarch: This (is the aforesaid person, him in the 'sundry' category. name at the roll call. I, ... wrote on behalf of my father who writes $h$..?) who also answers to his Verso. '(8th hand) Aurelius Serenus, witness of identity writes haltingly. (6th hand) person and the one who answers to his name,? Cu. ither
Col. i The remains are of the ends of lines only. The item was addressed to a hypomnematographus, Col. ii $9-1$ I Cf. Introd. p. 21, for the public servants, and was dated by Aurelian and Vaballathus. 12-1. 4 From the present tenses of $\dot{v}$ racovology and the significance of this passage.
that the ávayopla was an event regularly repeated, see ibid. I9 n., but no details of it are known concluded
 past', or perhaps the one 'that took place' when he was first qualified to draw the dole, cf. 2903 9-10

to the chronology adopted in the Introduction, A.D. 270 and 25 January, A.D. $27 I$ inclusive, according $3^{1}$ rồ $\phi v \lambda \dot{\alpha} p \chi(\omega \nu)$. The significance of the plural is uncertain for the day was omitted. college this is tha first indication of it at Oxyrhynchus, but perhaps it need not be doubted in view a the common action of four phylarchs in SB 7375, perhaps from Hermopolis (Mertens in view of pp. 22-4), and in view of the activity of the 'former' phylarchs that we find in this archive, see Introd. pp. 7-8. There is a possibility, however, that $\tau \hat{v} v$ is a mistake for $\tau o \hat{0}$.
31-7 The purport of these two subscriptions is reasonably clear, but their relationship to each
other and to the one in iii $36-7$ is less so. The two beginning $\pi a \rho \in \delta \delta \xi \alpha \dot{\prime} \mu \eta y$ (ii $35-6 \cdot$ jii
 the same ink, which is lighter than that in ii 31-4, and are very probably by the same hand, though the first is written smaller than the second for lack of space. The blacker ink of the other produces
initially the impression that it is by a different hand, but the shapes of the letters are very similar and I am inclined to think that all three are in the same hand. I take it that all three represent the words and decisions of Calpurnius Horion. By the first he postpones a decision in order to allow the petitioner written at much the same time By the second he agrees to the petition of col. ii and by the third, written at much the same time as the second, he agrees to the petition of col. iii. It is not necessary
that it should be the personal handwriting of Calpurnius Horion rather than that of a clerk, but it may be.
$37-4 \mathrm{I}$ The remains of this subscription are more substantial than the text would suggest. It is the rapidity of the writing as much as the damage which renders it illegible. It is suggested by eg $\pi t^{k}$
 2892 i 23, , ii 25,2894 ii 34 , iii 3 , 2895 i $22,289616,2902$ ii 20 . None of these parallers appears to have the same wording as here, nor can I find the name of Aurelius Serenus, who is scrutineer in every survives.

 factory reading. $M u$ is practically certain because of the characteristic course of its first stroke, which begins below the base line and swells outwards to the left before sloping up to the right. The next The next letter has a long descender, but it has considerable traces to the right of the upright which
 will have lost its last curve or been conflated with the mu. If right, it explains why the petition is not submitted by the person who is to benefit by its success. His foster-brother may have been his curator. Compare P. Bouriant $20\left(=\right.$ P. Abinnaeus 63 ), where a young person has his brother as curator $\delta_{i \alpha}$

 13. [. Apparently $\pi[$ or $\tau[$. Numerous parallels suggest $\pi[$ ape $i \theta \eta$ or $\pi[\alpha \rho \in \theta \varepsilon i c$ or the like. At the beginning of the line the traces are: (r) a right angle top left-y or $\tau$ or $\pi$ or $\varsigma$ ? ( 2 ) one dot at top
level, perhaps not a separate letter, (3) a probable $\eta$ or $\eta$. (4) is obscured by the tail of $p$ or $f$ from the
 line above, so that it in difficult to see where the ensuing series of loops begins


 clusion that the number of $\rho \in \mu \beta \circ i$ was ideally fixed at goo and that they received an individual ration of I artaba, presumably for each month. For the significance of this amount, see Introd. p. 6.
$17 \delta a p \rho$, . T. The loop of $t h o$ is very small but iota is hard to articulate. The final trace is a horizontal
top level extending back to $\ell ;$ besides $\tau$ and $\pi, \theta$ is a possibility-- $\delta a 0, \theta[$ ? For the upright seems too long and straight

33 The date was probably in or near Tybi, see ii 26 , and the absence of a figure before Vaballathus' titles is probably another indication that it was in the first half of the year. The earliest papyrus with a regnal year for Vaballathus is P. Strasb. inv. gr. 1238 (Recherches iii pp. 62-3), of Phamenoth 18 , with the exception of the retrospective CPR i 9,8 .
$3^{8-9}$ The formula is not identical with any other but resembles 2892 i 25,2894 ii 36 . Instead of

there appears to be no writing in the space. $\beta \rho[a \delta$ écuc $\quad$ elow 40 the papyrus is slightly damaged, but way. It is surprising to find a person who was illiterate much concerned with the compiling of records. The best parallel is the comogrammateus of P. Petaus, see CE xli (1966), pp. 127-43, GRBS xii (r971) pp. 239-61. The phylarch, however, was a superior officially undesirable (P. Petaus Ir, 9 ).
4 The remains are in a large cursive. It may have been simply a note of the quarter, ] NóToy [ $K \rho \eta \pi i \hat{\delta} \circ c$, rather than another subscription, which is not known to be wanted.

 viтонипратоүра́ф $[\omega$
$\qquad$


$\lambda \hat{\eta}$ ஸ̈cтє тоv̀c $\lambda \in \lambda[\epsilon \iota \tau о \cup р \gamma \eta \kappa о ́ \tau \alpha с ~ \mu \epsilon \tau \alpha-$









$\mu є \tau \alpha \subset \chi \in i ̂ v ~ T \hat{\eta}[\mathrm{c}$ тồ cítov $\delta \omega \rho \in \hat{\propto}$
$\kappa[\alpha \tau] \alpha ̀ \tau \alpha ̀ ~ \delta o ́ \xi\left[\alpha \nu \tau \alpha \tau \hat{n} \kappa \rho \alpha \tau i c \tau \eta \eta\right.$ ßov $\lambda_{\hat{\eta}}$

$\delta \iota ย \cup T u ̛ T \chi \in \iota$.
19 1. kaz' icon
'To Calpurnius Horion, temple attendant of the great Sarapis, the most excellent hypomnematographus, from Aurelius..., son of ..., (grandson of ...?), mother Thaêsis, from the glorious city of
the Oxyrhynchites. Whereas a decree has been passed in the most excellent council that those who have performed pubic service should share the gift of corn; I myself have performed in the ... quarter the service of public donkey driving and have been enrolled in the records submitted by our phylarch, but at the muster of the... I happened to be away from home; now, however, that I have axrived (home) I declare myself and ask that I too may share the gift of corn in accordance with the decree of the most excellent council on equal terms with those of the same condition as myself. Farewell.'
 from the neighbouring lines. For $\eta \ldots . .[$, $\hat{\eta} \mu \mathrm{k} \rho \mathrm{pa[c}[\mathrm{is} \mathrm{a} \mathrm{palaeographical} \mathrm{possibility} .\mathrm{If} \mathrm{right} \mathrm{it} \mathrm{probably}$,
 in 2910 ii 9 -10, though it would correspond very well with $\tau \hat{\eta} \ldots \tau \hat{\omega} \nu \delta \mu o i ́ \omega \nu \mu o v ~ a ̀ a y o p e i ́ q$ in 2903 9-10.

## 2910

$8.5 \times 10.5 \mathrm{~cm}$.
s.d.
i


 $\tau \hat{c} \tau o v$ cítov $\delta \iota a \delta o ́ c] \epsilon \omega c$
$\kappa \alpha \tau \alpha ̀ ~ \tau \alpha ̀ ~ \delta o ́ \xi \alpha \alpha \tau \alpha ~ \tau \hat{\eta} \kappa] \rho \alpha \tau i c \tau \eta$


## ii

....]..[
........[....]..[

$\tau \hat{\eta} \subset \tau[0 \hat{v} c i] \tau \eta \rho \in c i o v$ [ $\delta \omega \rho \rho \hat{a ̂ c, ~ к a i ~ a u ̀-~}$



vov ả $\mu$ фóסov фu入ápxou [.


$\alpha \stackrel{\omega}{\omega}[\nu$,$] !̣̣̂v \gamma \sigma[\hat{v \nu} \pi \alpha \rho \alpha \gamma \epsilon \nu o ́ \mu \epsilon \nu о \subset$


入̣̣̂̂

10 єтvy'xa[
Col. i. As for col., ii ${ }^{10-14}$.
Col. ii '(Whereas a decree has been passed in the most excellent council that) those who have performed a public service should share the gift of the corn dole; I myself, having performed public
service in the Thoëris Street quarter and having been enrolied in the records... submitted by the phylarch of the aforesaid quarter, happened to be away from home at the muster of the ...; now, however, having arrived (home) I declare myself and ask to share the distribution of the corn in accordance with the decree of the most excellent council...?

## 2911

22 3B.r5/D(1) b
$9.5 \times 10^{\circ} 5 \mathrm{~cm}$.
ii
(m. 2) $\lambda_{\ell}$ ( $\left.\tau \circ v \rho \gamma-\right)(\mathrm{m} .3) \lambda_{\alpha}$
(m. І) $A \dot{v} \rho \eta \lambda i ́ \omega$ П $\Pi$ доvтí $\omega \nu$

रра $\mu \alpha \tau \epsilon \hat{\imath}$ сит $\eta \rho \epsilon$ íov
тарà Aúp $\eta \lambda i ́ o u ~ \Delta ı v u c i o v ~ C a p a-~$
$5 \pi i \omega \nu$ кос каi $\omega<$ хр $\quad \mu(\alpha \tau i \zeta \omega)$



$\tau] \hat{\eta} c \tau<\hat{v} c \iota \tau \eta \rho \in \in[\hat{i o v}] \delta \omega \rho \in \hat{\alpha} c$
$\kappa]$ аì av̉тòc ..[. 入єıтоv] $\rho \gamma \eta{ }^{\prime} \subset a c$



रov . . . . . . . . . . . . . . . . . .] .]

Col. ii '(2nd hand) Li(turg-). (3rd hand) No. 3I. (Ist hand) To Aurelius Plution, secretary of the corn dole, from Aurelius Dionysius, son of Sarapion, and however I am styled, of the Althacean deme. Whereas a decree has been passed by the most excellent council that those who have performed public the ... quarter and having been enrolled in the (records) submitted by the phylarch of the specified quarter ...'

Col. ii There are scanty traces of the flanking items of the roll file.
ro.. [.. Perhaps $\epsilon \gamma[\omega$ is the most likely, though the first letter looks more like omicron. $o \hat{T}[\nu$ upsets the syntax, but is not for that reason impossible.

14 Supply $\beta_{i} \beta \lambda i \omega \nu$ somewhere in this line or further on

## 2912

$8 \times 1 \mathrm{I}^{-5} \mathrm{~cm}$.
s.d.

## (m. 2) $\kappa \in$

(m. г) Kaлтточрvi' $\omega$ ' $\Omega[\rho i \omega v \iota \tau \hat{\varphi}$ кратіст $\psi$

$\pi \alpha \rho \rho \dot{\alpha}$ Av̉p $\lambda i$ íov .[. . . . . . . . . . . . . .
 $\chi \epsilon \tau \tau \omega ิ \nu \pi o ́ \lambda \epsilon \omega c . \alpha \cup \alpha[\gamma] \rho[\alpha] \phi o ́[\mu \in \nu о c$
 रрафєіс каì $\pi \rho о с \beta \grave{\alpha} с \dot{\alpha} \pi \grave{\alpha} \dot{\alpha} \pi \sigma \gamma \rho[a \phi \hat{\eta} c$ $\dot{\alpha} \phi \eta \lambda i \kappa \omega \nu, \tau a \gamma \epsilon i c[\tau] \leqslant \kappa \alpha i ̀ \delta i \dot{\alpha}[\tau \hat{\omega} \nu$


 $\left.\alpha{ }_{\alpha} \lambda\right] \lambda o \delta a \pi \hat{\eta} \subset \stackrel{\mu}{\omega}[\nu, \nu] \hat{v} \nu$ रô̂v $\pi \alpha \rho a[\gamma \in \nu o ́-$
 $\left.\left.{ }^{2}\right]\right\}[\iota \omega]$ каi $\alpha[\hat{\jmath}]$ тòc $\mu \epsilon \tau \alpha \subset \chi \epsilon[\hat{\imath} v \tau \hat{\eta} c$ тov̂ cєítov $\delta[\omega] \rho \in \hat{\alpha} c \kappa \alpha \tau \dot{\alpha}[\tau \grave{\alpha} \delta o ́ \xi \alpha \nu-$
 $\tau] \hat{\omega}[\nu] \stackrel{\rho}{\rho} \mu \boldsymbol{o}^{\prime} \varphi \nu \mu \boldsymbol{\mu} \mu$. [
(2nd hand) No. 25. (ist hand) To Calpurnius Horion, the most excellent hypomnematographus, from Aurelius ...., mother Techosis, from the glorious city of the Oxyrhynchites. Being registered in the District of Heracles quarter, listed and having come forward from the list of minors, and enrolled also in the records of individuals submitted by the phylarch in the category of o $\mu$ odoyot, I happened to
be away from home. Now, however, having arrived (home), I declare myself and ask that I too may share the gift of corn in accordance with the decree of the most excellent council on equal terms with those of the same condition as myself . . .

4 Comparing 2913 ii 2 , where the applicant is also probably in the category of the $\dot{\delta} \mu \dot{\delta} \lambda o \gamma o t$, one might expect this man to be illegitimate, and therefore officially known by the name of his mother cf. Introd. p. 5 . The space here is not enough for a name plus $\chi$ р $\eta \mu a r i \zeta^{\prime}$ ovroc $\mu \eta \tau \rho o{ }^{\prime}$ as there, nor is it enough for the usual complete nomenclature, i.e. name, patronymic, and grandfather's name, plus $\mu \eta \tau \rho o \delta c$. I incline to think that an abbreviation of $\chi \rho \eta \mu a \tau \ell \underline{L}$


7 a $\quad$ roypaфelc. 'This probably refers either to a declaration of birth or to a census return, though the ord is used also for possible.

23 3B．1I／D（14－－15）a
${ }_{17} \times 19 \mathrm{~cm}$ ．
ii
（m．3）．．


 $\alpha \dot{\alpha} \pi o ̀ ~ \tau \hat{\eta} c \lambda \lambda \mu \pi \tau \hat{\alpha} \subset{ }^{\prime} O \xi \xi v \rho v \gamma \chi \epsilon \iota \tau \hat{\omega} v$




тахшрıснलि $\beta \iota \beta \lambda i o \iota c, \pi \alpha \rho \in \theta \epsilon i с$

vimò $\tau o \hat{v}$ тov̂ ả $\mu \phi o ́ o ́ o v ~ \phi u \lambda a ́ \rho \chi o v, ~$

 тoîc ảvayopevo $\mu$ évole mpòc $\delta$ นá－ Socıv то仑̂ сıтทрєciov ỏvó $\mu a c \iota$ ，
 （Є゙тоис）$a^{\prime \prime}$ Av̀токра́торос Kаі́сарос

 МєХєip $\kappa \epsilon^{-}$．


 av̉тòv $\gamma \rho a ́ \mu \mu \mu a \tau a$ ．］vac．

19 Feb．，A．D． 269 ； 19 Feb．，A．D． $269 ;$
Jan．／Feb．，A．D． 269

## iii

［．．．${ }^{\text {avarpa－}}$


＇Iovגíwy ка $[i \quad \gamma \in \nu о ́ \mu \epsilon v o c \pi \rho o ̀ c$






ảvaүopєvo $\mu$ évouc $[\pi \rho o ̀ c ~ \delta \iota a ́-~$

$\mu a c \iota$ ，iv $\nu \alpha \dot{\alpha} \gamma \dot{\omega} \tau[\hat{\eta} \subset \delta \omega \rho \epsilon-$
âc $\mu \in \tau \alpha[\lambda] \hat{a} \beta \varphi$ ．（ єैтоис）$\left[\alpha^{\prime}\right.$
Av่токра́［т］орос $K \alpha[$ íсарос
Mápкоv Av̉рך入íov K K $\lambda a v \delta i ́ o v$
$E v ̉ c \in \beta o \hat{[c] ~ E v ̉ \tau v \chi[o u ̂ c ~}$
C $\epsilon \beta \alpha c \tau о \hat{v}, M^{\prime} \chi[\epsilon i] \rho$［

20

є $\gamma \rho \alpha \nless \alpha \dot{v}[\pi \epsilon \grave{\rho}$
（m．3）$A v_{P}\left(\eta \eta^{\prime} \lambda \iota c\right) \Theta \in[$
o．［
25
o．［
．．

Col．ii＇（3rd hand）No．．．．（rst hand）To the examiners in charge of the corn dole from Aurelius Heracleon，officially described as the son of his mother Isis，daughter of Achilles from the glorious city Heracleon，officially described as the son of his mother Isis，daughter of Achilles，from the glorious city from the list of minors in the first year of the Decii according to records in official custody，but omitted in the records submitted by the phylarch of the quarter，having proved that the facts about me are as stated，I ask to be enrolled among the names to be proclaimed for the distribution of the corn dole so that I too may share in the gift．Year I of Imperator Caesar Marcus Aurelius Claudius Pius

Felix Augustus，Mecheir 25．（2nd hand）I，Aurelius Heracleon，submitted（the petition）．I，Aurelius ．ammon wrote on his behalf because he does not know letters．＇
Col．iii＇．．．listed in the Cavalry（or Lycian？）Camp quarter，scrutinized in the ．．．th year of the Marci Julii（Philippi），and being in the present first year ．．．years old，but omitted in the records submitted by the phylarch of the quarter，having proved that the facts about me－on a separate sheet－are as stated I ask to be enrolled among the names to be proclaimed for the．distribution of the corn dole，so that I too may share in the gift．（2nd hand）I，Aurelius Paus ．．．，submitted（the petition）， 1，Aurelius ．．．wrote on his behalf ．．．（3rd hand）Aurelius＇The ．．＇

Col．i The much damaged remains of this item are interesting because they do not conform to the known formulas，but little can be made of them．The most extensive traces are near the foot，as follows ：



Col．iii I－5 For the restorations in general compare 2894 ii $7-10$
2－3 Restore either $\Lambda v \kappa i \omega v]$ I $\Pi \alpha \rho \epsilon \mu \beta \frac{1}{n} \bar{\xi} \mathrm{C}$ or＇$\left.I \pi \pi \epsilon \epsilon \omega v\right] \Pi$ ．
 2I．They reigned from A．D． 244 to A．D．249．The applicant＇s age in I Claudius $=$ A．D． $268 / 9$ would probably be between 32 and 38 ．

## 2914

$23{ }_{3} \mathrm{~B}, \mathrm{rI} / \mathrm{D}(\mathrm{ro-ri}) \mathrm{C}$
II $\times 24 \mathrm{~cm}$ ．
Jan．／Feb．，A．D． 269
i
$\qquad$

$$
\text { . . . . . . . . . . . . . . } \lambda_{\epsilon i] \text { rov }-~}^{\text {- }}
$$

$\gamma$－$\quad \dot{\alpha} \kappa о \lambda о v^{\prime} \theta \omega с$ то $\left.\hat{\iota}\right]$ € $\in$
$\kappa \alpha \tau \alpha \chi \omega р \iota c] \mu \hat{\varphi} \beta \iota \beta \lambda$ óo七
5
 $c \iota \nu$ ढ่v $\tau \hat{n} \kappa p] a \tau i c \tau \eta \eta{ }_{\eta} \mu \omega ิ \nu$ $\beta \circ u \lambda \hat{\eta} \pi] \in \rho i \tau \hat{\omega} \nu \delta \eta \mu \circ c_{i}^{\prime} \omega(\nu)$
．．．．．．．є̇ $\pi เ \delta i \delta \omega \mu \iota \tau \alpha ́-$ $\delta \epsilon \tau \dot{\alpha} \beta \iota \beta] \lambda \dot{\alpha} \alpha \dot{\alpha} \xi \iota \omega \nu \kappa \alpha-$

 cıv тov̂ $\iota \tau \eta] \rho \in c i o ̣[v$ ob］vó $\mu a[c] \iota$
$\qquad$
．．．．．．．．．$]$ ị $\underset{\alpha}{\kappa}[a ̉] \gamma \omega \dot{\omega} \tau \hat{\eta} c$
$\left.{ }_{5} \delta \delta \omega \rho \in \hat{\alpha} c \mu \epsilon \tau\right] \alpha \lambda \alpha ́ \beta \omega . \epsilon i v \alpha$,
ठє́ $\mu \epsilon \pi \rho o ̀]$ c тò є̀vєcтòc
$\alpha(\epsilon \bar{\epsilon} \tau \circ c)](\epsilon ่ \tau \hat{\epsilon} \nu)$ ．
（m．2）$A \dot{v} \rho \dot{\prime} \lambda \iota \circ c] N_{\epsilon \mu \epsilon \subset \iota a p o ̣ ̀ c}$

о́ $\delta \iota \alpha \kappa \rho \iota] \theta \epsilon i с$ о́ т $л о к(\epsilon і \mu є \nu о с)$ ， ôv каi $\gamma v] \omega \omega \rho i c \zeta \omega$ ．
（ $\mathrm{m}, \mathrm{r}$ ）（ （̌̃оvс）a $A v \dot{v} \tau]$ окра́торос
Kаісарос $M$ ］ápкоv $A \dot{v} \rho \eta \lambda i ́ o v$

$\left.C_{\epsilon} \beta \alpha c \tau o v, M\right] \epsilon \chi \epsilon i \rho[\ldots$

$$
20 \pi \rho o^{K} \quad 21 \text { 1. } \gamma \nu \omega \rho i \zeta \omega
$$

## 

ii

．．］［



 то仑̂ cıтทрєciov ỏvọ́ $[\alpha<\iota$ $\left.{ }^{i}\right] \nu \omega \alpha \kappa \dot{\alpha} \gamma \grave{\omega}[\tau \hat{\eta} c] \delta \omega \rho \epsilon \hat{\alpha} c[\mu \epsilon-$

 K $\lambda$ avóiov Ev̉c $\in \beta$ oục［Evirvxoûc $C_{\epsilon} \beta a c \tau o \hat{v}, M \epsilon \chi \epsilon i \rho[$
（m．2）A $\bar{v} \eta$ ท́ $\lambda$ юoc． є̇ $\pi \iota \delta \epsilon \delta \omega \omega[\kappa \alpha$ ．
（vac．）

${ }^{1} 5$中́（apxoc）

 є́cт兀v ó $\pi \rho о к(\epsilon i \mu \in \nu о c)$ ó $\delta \iota \alpha \kappa \rho \iota \theta(\epsilon i c)$ ， ôv кai $\gamma \nu \omega(\rho i \zeta \omega)$ ．

Col．i＇．．．public service ．．．in accordance with the records in official custody and the minutes Col．i $\ldots$ public service... in accordance with the records in official custody and the minutes
of proceedings in our most excellent council about public（services？），$I$ submit this petition asking to
be enrolled among the names to be proclaimed for distribution of the corn dole ．．．so that I too may get a share of the gift．（Sc．I declare that）I am in the present first year ．．．years old．（2nd hand） Aurelius Nemesianus，witness of identity：This is the person aforesaid who was examined，whom I also identify；（Ist hand）Year I of Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus， Mecheir ．．：
be enrolled among the proved）that the facts about me－on a separate sheet－are as stated，I ask to get a share of the gift．names to be proclaimed for the distribution of the corn dole so that I too may Mecheir ．．．（2nd hand）I Aurelius Imperator Caesar Marcus Aurelius Claudius Pius Felix Augustus， phylarch：I concur and this person is the aforesaid．（4th hand）Aurelius Areius，witness of identity This person is the aforesaid，who was examined，whom I also identify，＇

Col．i 8 In view of $\lambda \epsilon]$ ］rov $\rho[\gamma \gamma$－（2），$\lambda \epsilon \tau \tau o v \rho \gamma \iota \omega ิ \nu]$ seems a possible restoration，but the space is rather short for it．An alternative would be $\chi \rho \in \epsilon \hat{\omega} \nu$ ］，which would have virtually the same sense，
I3 In the paralles，col．ii and 2913 ii and iii，there is nothing between óvóuacc and $i v a$ ．He migh I3 In the parallels，col．ii and 2913 ii and iii，there is nothing between óvópacc and iva．He might
and

${ }^{1} 5$ єival $\kappa \tau \lambda$ ．This clause stating the applicant＇s age seems to have been added as an afterthought in the accusative and infinitive in the manner of official declarations where a verb of saying is understood． Col．ii 8 ．．］．．Possibly（ $\epsilon \tau \omega$ greater length in the same place．
${ }^{17}$ Hpetoc．The fact that the $\gamma \nu \omega \in \tau \eta{ }^{\prime} \rho$ is different in i 18 does not necessarily imply that these items concern different quarters，because there were at least two $\gamma \nu \omega c \tau \hat{\eta} \rho \epsilon c$ per quarter（or tribe？）， f． 2892 i，ii．
Col．iii There are traces of beginnings，first of the applicant＇s subscription－2 lines，the second $\pi \delta \delta \delta \delta \omega] / \kappa a$－and then of 3 more lines much nearer the foot；the middle one is $A \dot{v} \rho$ ．［

## 2915

223 B． $14 / \mathrm{F}(\mathrm{r} 0-\mathrm{I} 2) \mathrm{b}$
II $\times 17.5 \mathrm{~cm}$ ．
$\tau \hat{\varphi} \kappa \rho] \alpha \tau i \not \subset \tau \omega{ }^{\prime} A \chi \iota \lambda \lambda \in \hat{\imath}$
 A $\mu \mu]$ ب甲̣íov Nєокоснíov то仑 каі АА $\lambda \theta 7$ वиє́шс．入єıтоvрүभ́cac
 Mupoßa入ávov ảş̂ кail av̉－
 $\tau \alpha \gamma \hat{\nu}$ 人aı $\tau \hat{\eta} \tau 0 \hat{v}$ cıт $\eta \rho\langle\epsilon c\rangle i o v$
 $\tau \omega \nu$ ．ёсть $\delta \in ́ \cdot$ е̇к $\pi \rho о с \alpha \gamma-$

入acíav ảvтi Eủdaíuovoc




Kєр $\alpha \dot{\mu} \mu \omega \nu$ А А $\mu \mu \omega \nu i o v$

ठıєขтúxєし．
 ＂To the most excellent Achilles，from Aurelius Cercammon，son of Ammonius，of the Neocosmian tribe and the Althaean deme．Having performed a public servile in the list for the corn dole on equal terms with persons of the same condition likewise benefited by you．Viz．：（extract）from a nomination list（submitted by ？）Amyntianus alias Apion－to donkey transport service in place of Eudaemon，son of Sarapion，Cerdammon，son of Ammonius，of the Neocosmian tribe and the Ath yean as follows： $\frac{1}{5}$ of a place．（Extract）from the list acceded in the 13th year，Myrobalanus quarter，Cerdammon，son of Ammonius，of the Neo－ cosmian tribe and the Althaean deme．Farewell．＇
1－4 A detached scrap appears to contain the beginnings of these lines，but it is so badly abraded hat，apart from A A $\theta$－in line 4，it is very difficult to decide what letters the scattered traces of ink re－ present．

$20(\pi) \rho(o c) x_{2}(v \in \tau a t ?)$ ？Other parts of the same verb are possible．This is apparently the same bbreviation that Wilcken discovered and expanded in P．Flor，4，18，see Archiv iv（1907－8），p．426， nd it occurs elsewhere in the registers of this archive，e．g． $293519,21,23,2936$ ivi 1，4， $6 . \pi(\rho)$ ．ce
represented by a tho with，in this instance，a circle described around the loop leaving space only fo the tail to pass through．In the registers the arc is not so complete and looks more like the right uppe quadrant of a circle．The same abbreviation of $\pi \rho o$ óc in compounds occurs elsewhere，e．g．PSI 202，23
 ar of gamma and usually has a longish descender．

## 2916

$22{ }_{3} \mathrm{~B} \cdot 15 / \mathrm{E}(5-7) \mathrm{b}$
$18.5 \times 8.5 \mathrm{~cm}$ ．
A．D． $270 / \mathrm{r}$ ？
ii

## ．［．．．$] 9^{\prime}$

Av’p $\lambda i \iota \omega \iota$ ПП








## 

Col. ii '(2nd hand?) ... (3rd hand?) No. [?]4. (rst hand) To Aurelius Plution, secretary of the corn dole, from Aurelius Apollonius, alias Nemesi..., son of Sarapion, and however I am officially
described. Since I am an Alexandrian and (have successfully claimed? ) as a residence a house here in the glorious and most glorious city of the Oxyrhynchi and since it has been decreed in the same excellent council here that the Alexandrians share the gift of corn, I too, having my hearth in the North Street quarter, bring forward this request, subjoining at the same time the copy (of the certificate?) of residence, so that in conformity with my equals I too may take my share of the gift of the corn dole. Farewell. Year i ? of Imperator Caesar Lucius Domitius Aurelianus Pius Felix Augustus and of Julius Aurelius Septimius Vaballathus etc.'

I .. [...] $] \delta^{\prime}$. The item number is preceded by some sort of docket. The remains of the previous item are negligible, the longest being $] y \pi \epsilon \tau a \xi a, c$. line 4, cf. ii. 9 .
 an official residence in Oxyrhynchus, but something meaning just ÉXup would be easiest, cf. rो̀v écria


One might suggest the possibility that the persons of whom it is said in P. Mil. Vogl. iv 254 that
 gate the claims of foreigners to residence. The religious interpretation given by the editor may be correct, of course, and would be supported if the reference to a temple of the Dioscuri were certain ( 6 seq. $A$ ockovi/ $p$ [ $\varepsilon i b] u$ ). The plate (VII) however reveals that the papyrus is badly damaged and allows
 name.
I3 Avp ${ }^{2} \lambda$ itov. The traces are very scanty. If the date is not early in I Aur., (Ërovc) $\delta$ or $\epsilon$ may have appeared in this line before 'Iovióov, but all the other dated documents addressed to Plution belong to the reign of Claudius II. On the other hand Professor Turner points out that the earliest dated
 once again in the rest of this archive in 29234 , which is undated but not earlier than 1 . 271 The latest date in this archive for the simple titulature $\lambda \alpha \mu \pi \rho \alpha^{\text {i }}$ is Dec.-Jan. A.D. $270 / \mathrm{s}$ from 2908 ii. то仑̂ $\mu]$ є $\gamma$ á入ov Capóлтьסoc т[̂̂ кратіс$\tau \omega \dot{v} \pi]$ ]о $\mu \eta \mu а \tau о \gamma \rho а ́ \phi \omega$ (vac.) [






 . . . . . . . . .]. . $\lambda є \iota \tau о v \rho[\gamma-~$
5 \%ccouppou
61. 'Hpaúéwc
'To Calpurnius Horion, temple servant of the great Sarapis, the most excellent hypomnematographus, from Aurelius Antinous, alias ... antinous, son of Isidorus, of the Sabinian tribe and Heracan deme.
Though I am an Antinoite and have (before?) performed public service in the North Street quarter I performed donkey transport services, and since it has been decreed (in the council that those?) of the Antinoites (who have performed?) public service ...
$\left.{ }_{5} \mathrm{~N}_{\bullet \kappa}\right]$ - or $\Phi_{L \lambda]}$ avervóov are the most likely.
$9-11$ It seems best to see in this damaged sentence a common-form reference to the decree of the Oxyrhynchite council about the eligibility of liturgists for the corn dole. It could be, however, that i refers to a decree of the Antinoite council.

2918
$223^{\text {B. }} 15 / \mathrm{D}(9-\mathrm{ro}) \mathrm{b}$
$10 \times 16 \mathrm{~cm}$.
s.d.




5





 $\lambda a \rho \chi o c ~ A \mu v ́ v \tau \alpha c \pi[a \rho \in \hat{\kappa} \kappa \epsilon ́ \mu \nu v$ тò oैvo $\mu a$
 $\pi \rho о с о \hat{c} \alpha \nu \dot{\alpha} \gamma \alpha \theta \dot{\eta}[\nu \in \dot{v} \in \rho \gamma \in c i \alpha \nu \nu \delta \alpha-$

ov $\lambda \alpha \mu \beta \alpha ́ v o v c \iota \nu \pi[\rho o ̀ c ~ \tau o ̀ ~ \kappa व ̉ \mu e ̀ ~ \delta v ́ v o-~-~$
cӨal $\tau \hat{\eta} \subset$ коぃท̂c $\phi \iota \lambda a[\nu \theta \rho \omega \pi i a c \mu \epsilon \tau \alpha c \chi \epsilon i ̂ \nu$.

$$
\delta \iota \epsilon v \tau v \chi[\epsilon i \tau \epsilon .
$$

＇To Marcus Aurelius Achilles alias A（mmonius？），the most excellent hypomnematographus and to the persons appointed by the most excellent council to make distribution of the corn dole，from to the persons appointed by the most excellent council to make distribution of the corn dole，from
Aurelius Sarapammon，（son of ．．．，grandson of ．．．．），alias Alexander，（mother ．．．．）．（I was listed？）in the Temiouthis quarter，in which I am performing a public service，and I underwent scrutiny（in the $\ldots$ th year？），but now in the records submitted concerning the corn dole，the phylarch of my quarter， Amyntas，has passed over my name by mistake．For this reason I ask that in your kindly beneficence， you give orders that I be enrolied among those receiving the corn dole，so that I too may be able to share in the common privilege．Farewell．＇
${ }^{1} A^{2}\left[\mu \mu \omega v^{\prime}\left(\varphi(?)\right.\right.$. Cf． $25688_{4-5}$ ；see Introd．p． 32.

 6 ，is a stop－gap．

2919
$4^{\text {1B．} 75 / G(i)}$
$7.5 \times 7 \mathrm{~cm}$ ．

$$
\begin{aligned}
& \text {....................... } \\
& \text {.]............. } \beta \iota \beta \lambda_{\iota} \ldots \text {. }
\end{aligned}
$$



 $\pi \epsilon \rho i \quad \pi \alpha ́ \nu \tau \alpha \dot{\alpha} \gamma \alpha \theta \eta ̀ \nu \in \dot{v}[\epsilon \rho \gamma \epsilon c i ́ a \nu$


 $\phi] l \lambda \alpha \nu \theta \rho \omega \pi \pi[i] a c \mu \epsilon \tau \alpha c \chi \in i ̂ v$.

## $\delta_{\text {¿єutú }} \in \iota$.

having obtained a copy ．．．from the local record office I bring forward the proof（certificate？） ask that，in your universal kindly beneficence，you give orders that I be enrolled among those and ask that，in your universal kindly beneficence，you give orders that I be enroned amme

## 2920

$223 \mathrm{~B} \cdot 15 / \mathrm{D}(\mathrm{r}-3)^{\mathrm{b}}$

$$
10 \times 8.5 \mathrm{~cm}
$$

s．d．
 кратістч $\dot{\text { v́тои }} \boldsymbol{\nu} \mu[\alpha] \tau о \gamma \rho а ́ \phi \omega$ каì $\dot{c} \chi \rho \eta \mu \mu(\alpha \tau i \zeta \epsilon \iota)$ ．

＇Oфє $\lambda$［io］v Ma乡＇uov［

$\pi \rho \hat{\alpha c}{ }^{\prime} O \xi \nu \rho v \gamma \gamma \not \omega \nu$ по́久 $[\epsilon \omega c, \pi \alpha \rho \epsilon-$
$\theta \in i[c] \delta \iota \alpha ̀ ~ \tau \hat{\omega} \nu$ є̇ $\pi \iota \delta\left[o \theta \epsilon \in \nu \tau \omega \nu \beta_{l-}\right.$
$\beta \lambda i \omega \nu$ v๋тò тov̂ $\phi[$ vגápxov

$3 \times \rho \eta \mu$,
9 ӥто
＇To Marcus Aurelius Achilles，the most excellent hypomnematographus，and however he is officially described．Request from Aurelius Thonis，son of Ofellius Maximus，（grandson of ．．．），mother Dionysia， from the glorious city of the Oxyrhynchi．Having been passed over in the records submitted by the phylarch．．．＇

## 2921

23 3B．11／D（17－18）b
$7 \times 10^{\circ} 5 \mathrm{~cm}$ ．
7－15 Dec．，A．D． 270
．］．［
．．．．［．．．］．［


 （éтоис）a＇Av̀токра́торос Kaiç［apoc Aоvкíov


${ }^{10}$


(vac.)

$\left.A \dot{v} \rho \eta \eta_{i} \lambda\right]$ !oç . . $\nu[$
15
(m. 3) . . . . . .] $\mu \eta$ [ $\epsilon i] \delta o ́ r \tau o[c ~ \gamma \rho a ́ \mu \mu \alpha \tau \alpha ~$

$$
\text { . . . . . . }] \ldots . . . .
$$

. . . . . . . .

เo üтaтov
'(I submit this) petition, asking that I too may share the privilege and the common gift of the corn dole according to the decree of the most excellent council. Year I of Imperator Caesar Lucius Domitius Aurelianus Pius Felix Augustus and of Julius Aurelius Septimius Vaballathus Athenodorus the most
glorious king, consul, imperator, general of the Romans, Choeac ...'

6-II This is the earliest papyrological date for Aurelian so far. For its importance see Introd. pp. 20-2 1 .

2922
 'Iov入iov A[ủ]pndiọ $C$ C $[\pi \tau \tau \mu i o v$
 тồ $\lambda a \mu \pi \rho \circ \tau a ́ \tau o v ~ \beta[a c \lambda \lambda \epsilon \in \omega c$ vinááтov



фט̂̀ (apүoc). oûtóc écти

 ঠ́так (ov́ $\omega v$ ).
(m. 4) .... $\lambda \lambda . с \gamma \nu \omega c \tau \eta \rho \cdot \gamma \nu \omega \rho i \zeta \omega$
${ }^{1} 5$ оу тоокєі́цєуоу оขँтшс ¢̣ $Х о \nu \tau \alpha$.
(vac.)
(m. 5) 'Epuaiov-

©...Felix Augustus and (year ...?) of Julius Aurelius Septimius Vaballathus Athenodorus the most glorious king, consul, imperator, general of the Romans. Tybi 15 . (2nd hand) I, Aurelius Zoil .. (son of . . ?), submitted (this petition). (3rd hand) Septimius Alexander, former phylarch. This is (4th hand) Gemellas(?), witness of identity. I identify the aforesaid person, who is as described. (5th hand) Hermaeum.'
 If this, in turn, implies that (érovc) $\delta$ or (érovc) $\epsilon$ appeared before the titles of Vaballathus, (ढँ̃ovc) $\epsilon$ is the more likely because in 2908 ii 20-6, of I Aur. (4) Vab., Tybi (no day), no regnal year figure is (Recherches iiii pp. 62-3, no. 8) of Phamenoth, $\mathbf{I}$ Aur., 4 Vab. The date therefore is more likely to be 11 January, A.D. 272 than io January, A.D. 271. However, there is no decisive argument on either side. 9 Here as in 14 the Aurelius part of the name is omitted, unusually for this archive.


## 2923. Application to a Strategus

33 4B.79/L(a)
$12 \times 11 \cdot 5 \mathrm{~cm}$.
c. A.D. $27 \mathrm{I} / 2$

This applicant submits to a hitherto unknown strategus a copy of a petition to the prefect, of which just enough survives to show that it was a request to share the corn dole in Oxyrhynchus on grounds of public service. It is of interest as the only example of appeal to the prefect in this connection
$A v{ }^{\prime} \rho \lambda \lambda i \nprec$ Tov́ $\beta \omega \nu \iota<\tau \rho \alpha(\tau \eta \gamma \hat{\varphi}){ }^{\prime} O \xi v(\rho v \gamma \chi i \tau o v)$



5




є̇דópxч Aiyv́ntov

I $c \tau \rho \int 0 \xi v^{\prime}$
6 иттоурафүс




$\lambda_{\epsilon \iota \tau о v \rho \gamma \eta ́ c a c ~ \tau \hat{\eta}}^{\pi \alpha \alpha \tau \rho i \varrho ̣[\iota}$
${ }^{15}$


.
'To Aurelius Turbo, strategus of the Oxyrhynchite nome, from Aurelius Stephanus, son of Harachthes alias Agathinus, mother Sinthonis, from the glorious and most glorious city of the Oxyrhynchites. I received from him runs as follows :
"To Statilius Ammianus, the most perfect prefect of Egypt, from Aurelius Stephanus, son of Harachthes alias Agathinus, mother Sinthonis, from the glorious and most glorious city of the Oxyrhynchites. (Being) an Oxyrhynchite... (and) registered in the Cavalry (Camp) quarter ... having performed public service for my homeland . . . public services . . . Since(?), then, . . . corn dole . . "" prefect, see 8 n .
 lace in the list $A \mu \mu \alpha a \nu \hat{\varphi}$. See Stein, Die Präfekten, pp. 150-1, BASP iv 121, and for correction of his place in the list of prefects $C \mathcal{L}$ xliv (1969), pp. 134-8. He was in office in 2 and 3 Aurelian (P. Wis, 2, 2' in P. Wis. 2,22 is a retrospective date, A.D. 270/1 and A.D. $271 / 2$, see Introd. p. 24 , but his term $2^{\prime}$ in P. Wis. 2,22 is a retrospective date, A.D. $270 / \mathrm{I}$ and A.D. $271 / 2$, see Introd.
began after Marcellinus, who was still in office some time in A.D. 271 (PSI IIOI).
ro The initial $p i$ is on a detached scrap, but the fibres suggest that it should be replaced to give a straight left-hand margin $\pi \alpha\left\langle p o a^{\prime}\right\rangle$, thus repeating the mistake in line 2 . It seems less likely that $\pi[a p] \alpha$ was set out into the margin while the names of the prefect and strategus were not.
 of the second word.

$16 \mathrm{E} \pi i$. Probably understand $\dot{\epsilon} \pi \epsilon$.

## 2924. Public Notice?

## 4 IB. $75 / \mathrm{G}(\mathrm{c})$

$19 \times 9.5 \mathrm{~cm}$.
The magistrates in charge of the corn dole state that they have found it necessary to give warning that they are going out of office and that holders of tesserae issued by them should collect their corn immediately. For what this implies about the nature of the tesserae see Introd. pp. 6, 9-12.

Since there is no address, the prescript beginning with $\pi \alpha \rho \alpha$, it may be that the sheet is a public notice, but equally it might be, for instance, instructions to another official to issue such a notice or to take some other action in connection with the tesserae. The hand is a good clear cursive, but not above a normal size.







 . . . . . . . . . . . . . . . . $] \underline{\varphi \in \tau \alpha \iota ~ \pi \rho o ̀ c ~ \tau o ̀ ~ \mu \eta ̀ ~} a .[$
10

I $\gamma v \mu \nu S \quad 5$ avay'kaıov, üiтoupn
${ }^{\text {'From Septimius Horion alias Diogenes, ex-gymnasiarch, and Appianus alias Severus, and their }}$ associate magistrates. Whereas we have in our own persons served in full the term of the distribution and others have been appointed in the most excellent council, we considered it necessary to warn thos present(?) these to us so as to receive the wheat. so that no , eat . . . so that no . . .
r ' $S$ pf $\omega$ voc. Cf. 14164 , apparently about A.D. 298. The date of this document is unknown, but ne would expect it to be c. A.D. 268-72. Compare the case of Eudaemon alias Helladius (2904 2 of A.D. 272), known again as late as A.D. 309 (MChr. 196; for the correct date see Lallemand, $L^{\prime}$ Admini
 of aliases is not fixed, cf., e.g., Chaeremon alias Spartiates (2560 2) and Spartiates alias Chaeremon (2126 4, P. Princ. 30, 1).
6 raphac. C. SBr $45{ }^{2} 4$, of which there survive, apart from the significant date ( $6 \mathrm{March}, \mathrm{A} . \mathrm{D} .269$ )

and the spacing also is uncertain. The $o .[\cdot \pi[$ or $\tau[$.

## 2925. Offigial Correspondence

$223 \mathrm{~B} .15 / \mathrm{C}(4-5) \mathrm{a}$
This document concerns the activities of Calpurnius Horion, who was out of office as a hypomnematographus when it was written, so that it is later than any other document in the archive which mentions him. The person to whom it is addressed has the new, and probably garbled, title of каvavıк入ópioc, which appears to refer to the canon frumentarius, see van Berchem, Les Distributions, pp. 106-8. All that can be guessed from the fragment that remains is that when Horion was in office, he and his assistant, who wrote the papyrus or had it written, brought charges against one Aurelius Heras alias Sarapion, who has now submitted a petition, presumably in protest and in defence of himself.

## 




5




10




${ }^{15}$



. . . . . . . . . . . . . . . . . . . . . . . . .]. . . . . . . .
20


.....................................................

2 іт $\pi$ ккои
14 очк'оти
I кavaviкגapiws. Perhaps equivalent to canonicarius, 'a collector of grain tawes' (read кavovıк\{ $\{\lambda\} a-$ piev?? ; at least canonicularius is not attested. An official perhaps called кavovu(ápoc?) may occur in a sixth-century account, P. Masp. i 67057 ii 5 , 34, cf. кavovor(á? ?) in $6704 \mathrm{I}, 4$ and 67042 , 2. It seems obvious that there is a connection with the canon frumentarius, see introd.
${ }^{3}{ }^{3} \gamma \in \boldsymbol{\gamma} \boldsymbol{\mu} \boldsymbol{e}^{\prime}$ vov. The last dated document addressed to Calpurnius Horion as hypomnematographus is 2908 ii, of Dec. (Jan., A.D. $270 / \mathrm{I}$.
7 Probably restore ' $\Omega \rho i \omega \nu$ at the beginning of the line, cf. 20 , but in 9 ht is called $\delta \delta \kappa$. ' $\Omega \rho i \omega\rangle$ and o kp. Ka kiovpruoc is also possible.




## 2926. Letter of a Shipmaster

23 3B.13/C(4-5)b
$8 \times 5.5 \mathrm{~cm}$.
s.d.

This illiterate letter to Plution, secretary of the corn dole, comes from a shipmaster taking a load to Pelusium. The unspecified load is likely to be grain, but the letter breaks off before it makes clear what the traffic between Pelusium and Oxyrhynchus has to do with the corn dole.

Плоvтí $\omega v o c$ урациатєìc



5

‘Нрак入. . . بүоv катव̛́ $\gamma \omega$ ソ $\kappa \alpha ́ \tau \omega \kappa \alpha \tau \alpha ̀ ~ \tau \eta ̀ \nu ~ \delta \delta ́ v[a \mu \nu \nu$ . .]...[. .].[.]..[

Verso, along the fibres, upside down to one another


1. ураниатєi ураниатє
'To Plution, secretary of the corn dole, many greetings from Horion, shipmaster of Arsenius. You know yourself, my lord, that I am setting out for Pelusium with the load of Heracl . . . bringing it downstream(?) to the best of my ability

Verso. 'To the secretary of the corn dole. From Horion.


## 2927. Formulary

## 22 3B.15/D(20)a

$$
23 \cdot 5 \times 32 \cdot 5 \mathrm{~cm}
$$

There are eight specimen formulas here. The first three are headings to be prefixed by the phylarchs to the lists of the three categories of persons eligible for the corn
 for two of the categories, ė $\pi \iota \kappa p \iota \theta \in ́ \nu \tau \epsilon c(2931$ and 2932), and $\dot{\rho} \epsilon \mu \beta \circ t(2930)$.

The other five formulas are subscriptions to the same lists. They take the form of declarations that the persons named in the lists are qualified to receive the corn dole on the grounds stated and are in fact the persons to whom the documentary proofs apply. The declarers are first an $\dot{\epsilon} \pi \iota \kappa \rho \iota \tau \eta \dot{\eta}$, who acts only in the case of $\dot{\epsilon} \pi \iota \kappa \rho \iota \theta \in \varepsilon \nu \tau \epsilon c$, second a $\gamma \nu \omega c \tau \eta \rho$, whose declaration is the same for all three categories, and third a phylarch, who must use a separate declaration for each class. Only one example of this type of declaration survives in its proper place ( 2936 ii 28-9)

Very similar declarations by the same officials appear at the foot of some of the applications ( $\dot{\epsilon \pi \iota \kappa \rho \iota \tau \eta ́ c ~} 2892$ i, ii, 2894 ii, iii, 2895 i, 2902 ii, $\gamma \nu \omega c \tau \eta \bar{\rho} \epsilon c 2892$ i, ii, 2894 ii, iii 2895 i, 2902 ii, 2908 ii, iii, 2914 i, ii, 2922, фúlapХoь 2892 i, ii, 2894 ii(?) iii(?), $2895 \mathrm{ii}, 2896,2907 \mathrm{ii}, 2908 \mathrm{ii}, \mathrm{iii}, 2914 \mathrm{ii}, 2922$ ). All these are drawn up in the singular referring to the individuals to whose applications they are appended.

In each of these cases the $\epsilon \pi \tau \kappa \rho \iota \tau \eta$ ńc is the same, though we know from other documents that there might be more at any one time (Oertel, Liturgie, p. 178). In the WB there are no third-century references to them under this title, but they are presumably


The phylarchs are the same for different people of the same quarter, as we would expect ( 2892 i, ii, 2908 ii, iii).

It is illuminating, however, that the $\gamma \nu \omega c \tau \hat{\eta} \rho \in c$ are also sometimes the same for different people of the same quarter ( 2892 i, ii, 2908 ii, iii), because we might have supposed incautiously that each individual had to find a $\gamma \nu \omega c \tau^{\prime} \rho$ as a personal guarantor, sometimes two. In fact it is known that the $\gamma \nu \omega c \tau \hat{\eta} \rho \in c$ were officials, as is shown by the occurrence of a $\gamma \nu \omega c \tau \eta ̀ \rho ~ \phi v \lambda \hat{\eta} c$ in Hermopolis and a $\gamma \nu \omega c \tau \eta े \rho ~ a \dot{a} \mu \phi o ́ \delta o v ~ i n ~ O x y r h y n c h u s ~$ (Oertel, Liturgie, pp. I77-8).

In the bottom margin and in some spaces near the foot and the right-hand margin there are various jottings, some upside down in relation to the main text. Most of these appear to concern the corn dole, but they are too incomplete and disorganized to be meaningful. The bottom margin is broken and it is clear from a narrow strip originally attached that it was at least 5 cm . deeper and contained more writing of some sort The top margin is also broken, but it appears from both sides that nothing much can be lost unless there were dockets or headings.

The next item (2928) stands on the verso of this one
 $\theta\left(\eta^{\prime} \kappa \eta\right)$
 vi ' ойc 'P $\omega \mu \alpha \hat{\imath} о \iota ~ к а і ~ З A \lambda \epsilon \xi \alpha v \delta \rho \epsilon \hat{\imath} с$.

$\beta \alpha \dot{\alpha} \nu \tau \omega \nu$



$\delta \eta \mu \circ c i a]$



 кріӨ́́vtec





 $\dot{\alpha} \phi \eta \lambda(i \kappa \omega \nu) \pi \rho о с \beta \alpha ́ \nu \tau \epsilon \subset$
 ảvayop] єíac viтакои́ovcı.



акои́оитєс.
I $\epsilon \pi \tau \kappa \rho^{\theta} \phi v^{\lambda}, \beta_{1} \beta \lambda \lambda_{\llcorner }{ }^{\theta}$

II, 13 avp $\eta^{\lambda}$
${ }_{15} \phi v^{\lambda}[\lambda] \epsilon \tau$
$18 \phi v^{\lambda}, a \phi \eta^{\lambda}$
2I $\rho \in \mu \beta^{-}, \alpha^{-}<\nu \rho \rho \eta^{\lambda}, \phi u \lambda \alpha \rho^{x}$
'Those who have passed the scrutiny. Phylarch. Register of individuals who have passed the scrutiny as they stand in the public records, being the same persons whose qualifications were examined citizens.'

〔.. Phylarch. Register of individuals listed without demur and who have been promoted from the list of minors in agreement with the public records, being the same persons whose qualifications 'Sundries. Register of individuals who have performed
performed a public service in agreement with the public records, being the same persons whon who have perions were examined and who answer to their names at the muster.'
the same persons whose qualifica'Aurelius X , scrutineer. The above-mentioned passed the scrutiny and are
qualifications were examined and who answer to their names at the muster'
qualifications were examined and who answer to their names at the muster.
'Aurelius X, witness to identity. I identify the above-mentioned as being what they declare
and as the same persons who answer to their names at the muster.'
Aurelius X, phylarch Th Pht Lurgy?).
qualifications were examined and who answer to their names at the muster.'
'Aurelius X, phylarch. The above-mentioned are listed without demur and have been promoted
from the list of minors as they stand in the records and are the same persons whose qualifications were 'Sundries Aurelius $\mathbf{X}$ phylarch. The me muster.'
Sundries. Aurelius X , phylarch. The above-mentioned have performed a public service and stand so also in the records and are the same persons whose qualifications were examined and who answer to their names at the muster.
3 ' $\phi^{\prime}$ ' ov̌c. I take this to mean that there was a separate list of Romans and Alexandrians appended to the list of Oxyrhynchites, first because of the mention in 291518 of a list called the ypa申ض̀
 under a class' (LSJ s.v. vimó CI 3), and have meant simply 'under whom (i.e. in which class) are in. cluded ....' For into meaning 'at the foot of' a document compare, e.g., 1634 I, 21315.
4 For o $\mu$ ó $\lambda 0$ oot cf, Introd. pp. $4-5$. The marginal entry under and to the left of $\phi v \lambda()$ is much
blotted or it blotted or it may have been struck through,
$7{ }^{\circ} \in \mu \beta o l$. Cf. Introd. pp. 3-4.

$\llbracket \beta \iota \beta \lambda_{0} 0 \eta \eta \rrbracket$; secluded by round by round brackets.
${ }_{5}$ These additions are written rather lats that almost enclose it like a cartouche.
relevant large, perhaps in a different hand, and their expansion is abbreviation; perhe abbreviation; perhaps it was just abandoned in the middle as being wrong.
20 vimakovovct. Undoubtedly one expects $v i \pi a \kappa o v o v \gamma \epsilon c, ~ c f . ~$
6, Io, I2, I4,
 that the muster was a regularly repeated event, which all and not only the newly qualified recipients

2928. District Totals of ó $\mu$ ódoyor and $\dot{\rho} \epsilon \mu \beta$ oi

This and its companion piece (2929) are chiefly of value for what they reveal of the organization of the quarters of the city and for what they perhaps imply about the tribes, see Introd. pp. 6-7.

Also worth noting is the resemblance between these two pieces and CIL vi 10211 $=$ ILS 6046:

Numerus tr[ibulium ... et quibus locis [frumentum accipiant

| Pal(atina) | h(omines) | IПITCLXXXXI i[n | $(4,191)$ |
| :--- | ---: | :---: | ---: |
| Suc( ) | h(omines) | ПाILXVIII in[ | $(4,068)$ |
| Esq(uilina) | h(omines) | MDCCLXXVII a[d | $(1,777)$ |
| Col(lina) | h(omines) | CCCCLVII i[n | $(457)$ |
| Rom(ilia) | h(omines) | LXVIII[ | $c .(68)$ |
| Vol(tinia) | h(omines) | LXXXV.[ | $c .(85)$ |
|  | $]$ h(omines) |  |  |

The theory of the connection of this text with the corn dole was put forward by Mommsen (Die röm. Tribus, p. 196, Staatsrecht iii 446 n. 3), who supplied the restoraions. The connection is far from sure, as Cardinali pointed out (De Ruggiero, Diz. Epigr. iii 269), but the inscription's resemblance to the Oxyrhynchite lists, of which at least 2928 certainly relates to the corn dole, suggests that Mommsen may have been right. The numbers are too low to have produced for the 35 tribes the expected total of about 200,000. Mommsen therefore took the inscription for a list of new entrants (Staatsrecht iii 446-7). Comparison with the Oxyrhynchite lists suggests that it may have been a list of a single category of recipients. It is uncertain whether the difference of magnitude between the numbers in the urban tribes, which are the first four in the list, and in the rural ones, which the next two are, reflects the real proportions of the two classes of tribesmen in the total number of citizens resident in Rome (G. E. F. Chilver, $C R$ lxiv (1950), pp. 134-5; L. R. Taylor, Voting Districts, p. 149). The inscription might be a list of freedmen only, in which case the proportions would be sufficiently explained by the inferior prestige of the urban tribes and the tendency to enrol freedmen and others of low status in them, see L. R. Taylor, op. cit., pp. 11-12, 132-49

This writing surface, which is the verso of 2927, also carries, upside down in relation to the two lists, two columns of single- and double-figure numbers, one of i6 and the other of 7 items, a separate figure somewhere in the 200s, possibly the total of the two columns, and a four-line formula : $\gamma \nu \omega \subset \tau \eta \eta^{\prime} \cdot \gamma \nu \omega \rho i \zeta \omega$ тò ${ }^{2} \pi \rho o^{\prime} \kappa^{\prime}(\epsilon i \mu \in \nu o \nu)$
 clarations of $\gamma \nu \omega c r \hat{\eta} \rho \epsilon c$ actually found-list in 2927 introd.-but the precise wording does not recur elsewhere.
${ }^{\text { }}$ Suc( ) $=$ Suburana, cf., e.g., L. R. Taylor, Voting Districts, p. 12 n. 27.


${ }^{\text {' }}$ Iлтє́ $\omega \nu$
$B o p(\rho \hat{a}) \Delta \rho o ́ \mu o v$ ${ }_{\alpha} \nu \delta(\rho \in c)$ $\kappa[$ [. $]$ $\triangle \rho о \mu о v$ ఆоך ( $\rho \delta о с)$ äv $\delta(\rho \epsilon \subset)$ $\left.B \circ \rho(\rho \hat{\alpha}) K \rho \eta \pi \hat{\imath} \delta o c{ }_{\alpha}^{\alpha} \nu \delta(\rho \in c) \rho[\llbracket]\right]^{\prime} \gamma$ Nórov $K \rho \eta(\pi \imath ̂ \delta o c) ~ \alpha ้ v \delta(\rho \in c) \quad \lambda \alpha$ 'Epuaiov a้v $\delta(\rho \in \subset)$ Kрэтчкоиิ avo ( $\rho \in c$ ) - $\quad \downarrow \delta \delta(\rho \in \mathcal{c}$ $\eta \eta$ $x \lambda \epsilon$
${ }^{\circ}$ 'Ioúnıoc Пто入є $\mu \alpha \hat{\imath} \circ \subset \rrbracket$
(ópoдó $\gamma \omega \nu$ р)

${ }^{\alpha} \nu \delta(\rho \in c)$
' $I_{\pi \pi \epsilon} \epsilon \nu$
Boppa $\Delta \rho o \mu(o v)$

Bорра̂ $K р \eta \pi i ̂ \delta(o c)$

Платєі́a
Крŋтькои
Панне́v(ovc)
${ }^{\alpha} \nu \delta(\rho \in c)$

2929. District Totals of a Restricted Population Group
$31 \mathrm{~B} .77 / \mathrm{A}(7) \mathrm{a}$

$$
11 \cdot 5 \times 26.5 \mathrm{~cm}
$$

May/June, A.D. 270

There is nothing explicit to show that this document is part of the corn dole archive, but since it gives district totals of a class of persons restricted to the number of 3,000presumably for the whole city-and is dated to A.D. $269 / 70$, it seems proper to connect it with the petitions for the dole of that year (2892 i, ii, 2893 i, ii, 2894 ii, iii, 2895 i, ii, 2896), which imply by their references to the filling by lot of places left vacant by death that the number of recipients was a fixed one. This is confirmed by comparison with the totals likewise listed by quarter on the back of the corn dole formulary (2928)

We can deduce that the class in question is the émıкрı $\begin{aligned} & \text { év } \nu \epsilon c \text {, since we have ideal }\end{aligned}$ totals of 900 for the $\dot{\rho} \in \mu \beta \circ^{\prime}(2908$ iii) and ioo for the ó $\mu$ ódoyou (2928 ii), and we need not hesitate to accept it as the number of a single class since the present papyrus gives, after its total of 2,904 for the ideal 3,000 , a sum total of $c .3,750$, which is plainly the actual number of all recipients. ${ }^{1}$ In fact we can conclude that there were 4,000 places in all $(3,000+900+100)$ and on this occasion $c .3,750$ were filled. That the discrepancy is so great is largely due to the $\dot{\rho} \epsilon \mu \beta o i$, though there were more of them on this occasion than for the list in 2928 i. I have suggested in 2928 i 14 n . that this was due to the chronic shortage of liturgists.

The fact that the list is designated as 'of the month of Payni' may suggest that a review of the numbers was held every month. The alterations in all the easily legible cases $(3,6,10, I I, 13,14)$ are reductions, suggesting that no lottery had been held recently to admit new applicants. Though not conclusive, this tells against the possibility that the lottery was held more than once in the year, see Introd. p. 3 and 2894 ii 13 n.

The list stands on the verso of a piece apparently cut from a register, of which there remain parts of 35 lines, mostly of personal names with amounts of money and other property.


| $\mu \eta \mathrm{pọ}$ ¢ Пav̂v $\beta$ (ėtovc) K入avoiov |  |  |
| :---: | :---: | :---: |
|  |  | $c \llbracket \eta \rrbracket^{\prime} \epsilon^{\prime}$ |
| Пauц[ ['́]vove Пapa( $\delta$ ¢'icov) | ${ }^{\alpha} \chi^{\prime} \delta(\rho \in c)$ | v[ $\because \theta$ ]'. '[ |
| Bорpâ $K[\rho] \eta \pi \hat{\delta} \delta(o c)$ | ${ }_{\alpha}^{\alpha} \nu \delta(\rho \in c)$ | $c \pi$.[ |
| $\left.{ }^{\bullet} I\right] \pi[\pi \epsilon \in \omega \nu] \Pi$ [ $\alpha \rho(\epsilon \mu \beta \circ \lambda \hat{\eta} c)$ | ${ }^{\alpha} \nu \delta(\rho \in c)$ | $\rho \llbracket \theta]\rceil$ [ |
|  | ${ }_{\alpha}{ }^{2} \delta \delta(\rho \in c)$ | c.. [ |
|  | ${ }^{\alpha} \nu \bar{\nu}(\rho \in c)$ | co. [ |
| 'Hpwov ] | ${ }_{\alpha}^{\alpha} \nu \delta(\rho \in c)$ | ¢!. |

${ }^{1}$ For a recent estimate of the total population of the city at c. 30,000 in A.D. 235 see Archio 2 (1971), pp. 113-16.
2929. DISTRICT TOTALS OF A RESTRICTED POPULATION GROUP 93
 'Individual list of the 3,000 for the month of Payni, 2nd year of Claudius (II):

| Myrobalanus |  | men | 205 |
| :---: | :---: | :---: | :---: |
| Pammenes' Garden |  | men | 4?? |
| North Quay |  | men | 28 ? |
| Cavalry Camp |  | men | 107(?) |
| Shepherds' |  | men | 2?? |
| South Quay |  | men | 29? |
| Heroum |  | men | 21 ? |
| Cretan |  | men | 23 ? |
| North Street |  | men | 169 |
| Square |  | men | 21 ? |
| Hermacum |  | men | 183 |
| Thoëris Street |  |  | 313 |
|  | Total | men | 2928(?) |
|  | Total | men | 2904 |

${ }_{15-16 ~ I t ~ i s ~ v e r y ~ d i f f i c u l t ~ t o ~ s a y ~ w h i c h ~ t o t a l ~ w a s ~ i n t e n d e d . ~ T h e ~ o n e ~ i n ~ l i n e ~}^{16-2,904-s e e m s ~ t o ~}$ ${ }^{15-16 ~ I t ~ i s ~ v e r y ~ d i f f i c u l t ~ t o ~ s a y ~ w h i c h ~ t o t a l ~ w a s ~ i n t e n d e d . ~ T h e ~ o n e ~ i n ~ l i n e ~} 16-2,904-$ seems to
be the least doubtful, though there also seems to be a final version of 2,928 left uncancelled in line I 5 be the least doubtful, though there also seems to be a final version of 2,928 thet uncancelled in ine
It is impossible to check the calculation because probably all of the district totals have been corrected and at least eight of them are now doubful. They are very close to the right edge, where there has been some slight loss of papyrus.

Thi is witten in a arge upright cursive of which the ink has greatiy faded.

## 2930-2933. Headings of Registers of Recipients

It is plain to see both from the remains of names here and from the formulary in 2927 that these four fragments come from the beginnings of lists of the names of persons eligible to receive the corn dole.

A rough idea of the arrangement of the records can be formed. It seems clear from the numbers involved that there would be at least one roll for each tribe. To talse 2931 as an example-the ėmıкрt $\theta$ '̀v $\tau \in c$ of the Pammenes' Garden tribe in June, A.D. 270
were about 420 (2929 4). Two of the largest fragments of registers (2934 and 2935) have respectively 14 and iI names to the column. It would therefore require a roll of somewhere between 30 and 39 columns to accommodate them. The columns are broad, 15 to 20 cm ., so that the roll would be about 4.5 to 7.8 metres long. The roll headed by 2932, for the Shepherds' Quarter tribe, would have been about half that size, see 29297.

It is not so clear whether there would be separate rolls for the smaller categories. If we take 2930 as the example and accept from 2928 i 6 the figure 38 as a typical number of $\dot{\rho} \epsilon \mu \beta \circ{ }^{\prime}$ in the Thoëris Street tribe, the space required is only between 2 and 4 columns, 30 to 80 cm . The names of the ${ }^{\circ} \mu{ }^{\circ}$ ódoyoc would only occupy about a single column for any one tribe (2928 ii).

The only real result of these calculations is the conviction that the fairly numerous fragments of register that survive with this archive, of which besides these headings only the four largest pieces are published as specimens (2934-2937), are not likely to come from a very small number of rolls. However the rolls do not seem to have been renewed at very frequent intervals, to judge from the strings of month names indicating issues of corn that appear on 2934-2937, though there may well have been a monthly revision of them, see 2929 introd.

These four fragments are from separate rolls, since they all have different tribe names and three of them headed lists of é $\pi \iota \kappa \rho \iota \theta \in \ell \tau \in c$.

## 2930

23 3B.II/D(17-18)b
$12.5 \times 15 \mathrm{~cm}$.
(m. I) $\pi \alpha \rho \alpha ̀ ~ A v j p \eta \lambda i ́ o v ~ \triangle i \delta u ́ \mu o v ~ \gamma \in \nu o \mu!̣![D o v ~ \phi v \lambda \alpha ́ \rho \chi o v$





(m. 2) ]. $\omega \nu \pi \rho о \lambda \epsilon \lambda \in[i]$ Tov $\rho \gamma \eta(\kappa о ́ т \omega \nu) \Delta \rho o ́ \mu о v ~ \Theta о \eta ́ p \iota \delta o c ~[~$ ]. с'Iov́cтov $\mu \eta \tau \rho o ̀ c ~ K v \rho i \lambda \lambda \eta с$ [
 $\Phi_{\alpha \mu}\left(\epsilon \nu \omega^{\prime} \theta\right),(\dot{\alpha} \rho \tau) a.\left(\eta \eta^{\prime} \mu c v\right) \ldots[$ $\Theta \dot{\omega}] \theta \hat{v}(\pi \grave{\rho} \rho){ }^{\circ} E \pi \epsilon \grave{\phi} \phi(\dot{\alpha} \rho \tau) a.\left(\eta{ }^{\prime} \mu \tau c v\right)$

(m. 2)
]. . $\mu \eta(\tau \rho o ̀ c) ~ \Lambda . .[$
(m. 3)
]...x..[. .]..[


$\lambda_{\in} \lambda_{\iota}(\tau o v \rho \gamma \eta \kappa o ́ \tau \omega \nu)$

16 入ed
(4th hand) Thoëris Street. (ist hand) From Aurelius Didymus formerly phylarch of the tribe of Thoëris Street and Lycians' Camp (...?). Individual list of those who have performed public service who were examined and answer to their names at the muster. (2nd hand) of ...from the Thoêris Street quarter, who have previously performed public service . . . of Justus, mother Cyrilla. (3rd hand) (Issued in) Tybi, (the allowances for) Phaophi (and) Hathyr, as a result of an application, (for) Choeac (and) Tybi, one artaba and a half; (issued in) Epeiph (for Mecheir and?) Phamenoth, one artaba and a half,...; (issued in) Thoth for Epeiph, one artaba and a half. (2nd hand) Onnophris(P), Verso. 'Thoëris Street; (list) of those who have pe'

2 $\Delta i \delta \delta u o v$. See also the subscriptions of 2892 i, ii.
$3 \Lambda \psi\left[\kappa i \omega v \nu\right.$ Пappe $\mu \beta \lambda \lambda \hat{\eta} c$ is the only suitable possibility. On palaeographic grounds $T_{\epsilon}\left[\mu y \epsilon v o v^{\prime} \theta \epsilon \omega c\right.$ or $\Delta \xi[\kappa \alpha \dot{d} \eta\rangle$ c can be rejected, as can $\lambda_{\rho}[\iota \pi \hat{\omega} \nu \dot{\alpha} \mu \phi \dot{\delta} \dot{\delta} \omega \nu$. On the analogy of the short forms ' $I \pi \pi \epsilon \omega \nu$ (sc.
 the possibility of $\Lambda v[\kappa i \omega v$ kai followed by another short quarter name or even $a \lambda \lambda \omega \nu \dot{\partial} \mu \phi \dot{\partial} \delta \omega \nu$ in an abbreviated form.

8 Probably not $\tau \omega \nu$; there is a dot at the level of the tops of the letters some way to the left of and confused traces below the line under the beginning of $\omega$. a $\pi \epsilon \lambda \varepsilon v \theta \epsilon\rfloor \rho \omega \nu$, with a tho hooked forward, is possible.
1o As in the other fragments of registers, the notes of issues are probably in several small cursive hands, but they are hard to distinguish, see 2934-2937 introd.
introd. for the interpretation of the month names. 12 The lines above and below ]voopocc appear to cancel the entry, since no list of months follows. The reason perhaps was that the entry was out of the usual alphabetical order. 'Ovv $\hat{\phi} \phi p u$ is the com monest of the possibilities, none of which comes very early in the alphabet, except the variant $\Gamma$ oovvô$\phi \rho \iota$, occurring once only in BGU 1242.

## 2931

22 3B.15/E(I-2)a
$10 \times 17.5 \mathrm{~cm}$.
тарà Aủp $\overline{\lambda i ́ o v ~[. . . . . . . . . ~ . ~ ф u \lambda a ́ \rho \chi o v ~}$


 5
 ${ }^{\circ} \nu \tau \omega \nu$
[
'From Aurelius ... (formerly?) phylarch of the tribe of Pammenes' (Garden? and ...?). Individual list of those who have undergone scrutiny as they stand also in the public records, being the
same persons who were examined and answer to their names at the muster, If yevoutoon was present in full there is room only for a very short
two more possibilities: this may have been the tribe in office, in which case the word would have been omitted, or it may have been abbreviated to $\gamma \in \mathrm{v}^{\mu} \mu$.
2 If Mapadeicov. was here, there is room for only about five letters after it, but it can be left out,
see 2928 i 12 , ii in. In the parallel place in 2930 see 2928 i i2, ii $i 4$. In the parallel place in 2930 there was something up to fifteen letters in length, and in 2932 there was something about twenty-five letters long. It is likely that the tribe was made up of $3 \dot{\omega}^{c} \mathrm{c}$ "xovec. The restoration is derived from the final version of the formulary ( 2927 I) and supported by 2932 2, but the shortish space in comparison with lines 4 and 5 may indicate that instead of
 other two classes ( $29275,8,29305$ ) and in the first version of the formulary.

6 Below this there is blank papyrus for a depth of $9^{\circ} \cdot 5 \mathrm{~cm}$. The fragment is made up of two sheets of papyrus pasted together with the fibres running in contrary directions. On this side the left-hand half
has vertical fibres and the right half horizontal fibres, so that lines I and $3-6$ have the first one or two letters written across the fibres. This may well be the so-called protocollon, the first sheet of the roll put on as a guard with its vertical fibres inside (Turner, Greek Papyri, p. 5). On the other side of the protocollon,
if it is that, are the initial letters of two lines in a large 'Chancery-style' hand. The first begins $\pi[$, if it is that, are the initial letters of two lines in a large 'Chancery-style' hand. The first begins $\pi[$,
which could be $\Pi[a \mu \mu$ évouc, the second is illegible.

2932
$23{ }_{3} \mathrm{~B} .1 \mathrm{II} / \mathrm{D}(7) \mathrm{b}$
$7 \times 8 \mathrm{~cm}$.
s.d.


5
'Pшцаîo七 каi $\AA \lambda \lambda \epsilon \xi \alpha \nu \delta \rho \epsilon i ̂ c$.] єici $\delta \epsilon ́$
(m. 2)
(m. 3)
] piov $\mu \eta(\tau \rho o ̀ c) ~ \Theta \in \rho \mu о ч \theta$
(m.

(m. 2)
....ото...... [
(m. 3)
].....[
$6 \mu \eta^{2} \quad 7 v^{2}$
 dividual list of persons who have undergone scrutiny as they stand in the public records, being the pended) Romans and Alexandrians. They are: (2nd hand)... son of . . . nius, mother Thermuth... (3rd hand) ... Mecheir, Payni for Ph ....

I As in 2931 , the name will be short if $\gamma$ Evo $\mu$ evoo was written in full, but the same two additional possibilities exist.

2 Supply probably another quarter name, cr. 29303 and Introd. p.
intended ( 2927 , It. 2933 4), but the shape of the letter strongly suggests the formulary shows that $\hat{\prime} \phi^{\prime}$ is

## 2933

$7 \times 23.5 \mathrm{~cm}$.
s.d.

23 3B.11/D(12)

कuN[

v $\phi$ ' ô $\kappa[a i$
av̉т $ิ$ y [
Bo $\rho \rho \hat{\alpha}$ प [ $\rho o ́ \mu o v$
А $\because \pi$ [
A Av̀. .
(m. I) $\quad A \rho \theta_{\omega}$
ıо (m. 2) .....
(m. г) $A \theta \eta \nu[$
(m. 2) Фарноv̂ $[$
(m. r) $\quad A \mu \sigma$
(m. 2) $\quad X o t(\dot{\alpha} \kappa) \kappa .[$

15 (m. I) $\quad A \mu \mu$ [.
(m. 2) $\quad$ auvv!

Verso Bop $[\rho \hat{\alpha} \Delta \rho o ́ \mu o v$
14 Xo
I $\phi \underline{y} \times$ [. This might be best taken as part of $\phi v \lambda \hat{\eta} c$ or $\phi u \lambda a \dot{\rho} \chi o v$ in the normal introduction $\pi a \rho a ̀$
 the margin and a trace of the line above ought to be visisle. Although it is very clear from the individual elements that this strip comes from the heading and the first five items of a list of persons eligible to receive the dole, the heading as a whole does not conform to the pattern of the other actual headings 2930-203). These traces are very puzzling. I should e
that made up the tribe with Boppô$\downarrow \Delta \rho o \rho \mu v$. The first could be $\xi$, or $\beta$, if the crosshar ine of a quarter next group of traces is much broken and could be one letter or two; then perhaps $\omega$ or $\mu$, then a de scender ( $\rho$,$\} , or \eta$ )? ; then a small round letter ( $o, ¢$ ? ). péunc would suit the traces quite well but ther is only one attestation, doubtfull and late, perhaps sixth century, of a quarter that has this word in

 $\not \approx p[\delta \rho \alpha$ (3)-'the individual list . . . beneath which (are appended)' etc. This supports the view that o 8173
these people were listed separately after the Oxyrhynchites rather than distributed among them (2927 3 n.).

 cited above. However, it seems likely that it gives us a minimum length for the line of c. 45 letters,
 and the succeeding odd-numbered lines appear to be in the same large hand as the heading.

## 2934-2937. Fragments of Registers

These items come from rolls like those to which 2930-2933 are the headings. They were prepared by writing out in large cursive the official nomenclature of each recipient, that is, in its fullest form, name, patronymic, grandfather's and mother's names, with the addition in some cases of his age. At this stage a good wide space was left between each entry, later to be filled in part by notations in small and rapid cursives, mostly of month names.

The month names show that the distribution was on a monthly basis. From 2908 ii 15 I have concluded that the allowance was theoretically one artaba per month, probably the exact equivalent of the Roman dole of five modii (Introd. p. 6). In the registers the amount is generally specified only when it is different from the regular issue.

On this basis an attempt can be made to understand the very cryptic way in which the actual payments were noted down, and fairly satisfactory results can be obtained, especially for 2934. 2935 is harder to understand and the other two fraoments canno be checked properly because they contain no complete entries (2936, 2937).

A major difficulty is that a month name alone is ambiguous, because it can denote the month in which an issue was made, usually in arrears, or the month for which it was the allowance. So in a sequence which is not that of the chronological succession of months, for example Tybi, Phaophi, Hathyr (roughly January, October, November 29342 et al.) the first month is the date of an issue, the second and third are the months for which it was the allowance.

Perhaps even more confusing are the different ways in which the same allowances can be noted down, sometimes resulting in a short form that suppresses the names of some of the months for which allowances are made. For example Пav̂v $\hat{v}(\pi \dot{\epsilon} \rho)$ MExєip
 apт.) $\gamma(29342$ et al.) turns out to be the equivalent of $\epsilon \xi \varepsilon \xi(\omega \omega c \epsilon \omega c)$ Xot $(\alpha \kappa), T v \beta \iota$, Hav̂v v( $\quad \epsilon \hat{\epsilon} \rho$ ) Mexєip ( 29345 et al.). Both indicate the normal allowances for Choeac, Tybi, and Mecheir. In the first, the total amount for all three months was paid in Payni, late and all in one sum; in the second, the allowances were paid separately, part on
time and part late. In the first, therefore, $\dot{v}(\pi \dot{\epsilon} \rho)$ Mє $\epsilon_{\epsilon} \rho$ stands for $\hat{v}(\pi \dot{\epsilon} \rho)<$ Хоıáк, time and part
$T \hat{\tau} \beta_{\iota} \gg M_{\epsilon} \in \epsilon \rho$.

Because of these complications the translation is given in sections, each followed mmediately by the relevant commentary.

It seems likely in the circumstances that the notes of payment were made at different times, certainly there are variations in the ink, and it is even probable that they were written by several scribes, but it has not proved possible to distinguish hands with any degree of confidence.

It is clear that 2936 and 2937 concern the category of $\dot{\rho} \in \mu \beta 0$. It is not certain which category is listed in 2934 and 2935, but the regularity of the nomenclatures suggests that the recipients are é $\pi เ \kappa \rho \iota \theta^{\prime} \nu \tau \tau \epsilon$.

## 2934

$223 \mathrm{~B} .14 / \mathrm{F}(\mathrm{I} 3) \mathrm{a}$ $25 \times 28.5 \mathrm{~cm}$.
s.d.



$\Theta_{\dot{\omega}} \dot{\theta} \dot{v}(\pi \dot{\epsilon} \rho)^{\prime} E \pi \epsilon \epsilon \dot{i}(\dot{a} \rho \tau.) \gamma$



$\Theta \dot{\omega} \theta \dot{v}(\pi \epsilon ̀ \rho){ }^{\prime} E \pi \epsilon i \phi(\dot{\alpha} \rho \tau.) \gamma$





( $\epsilon \tau \omega \bar{\nu}) ~ \lambda$.


$M_{\epsilon} \in(o \rho \eta ́), \Pi a \hat{v} \nu \iota, \lambda \eta \mu()(\dot{\alpha} \rho \tau.) \beta, \Theta \grave{\omega} \theta \dot{v}(\pi \epsilon \grave{\rho})^{'} E \pi \epsilon \dot{\prime} \phi$
A[....].[.. .].... .रос то仑̣̂A A
$(\dot{\epsilon} \tau \hat{\omega} \nu) \lambda \delta i$
$T \hat{\nu} \beta \iota, \Phi a[\cdot] . .[\cdot] \ldots \ldots .$. .













$\Theta \dot{\omega} \theta \hat{v}(\pi \dot{\epsilon} \rho)^{\prime} E \pi \epsilon i \phi(\dot{\alpha} \rho \tau.) \gamma$

$(\dot{\epsilon} \tau \hat{\omega} \nu) \lambda \epsilon$



















 (ajp.$)$ [





Gol. i The remains of this column are too scanty to deserve full transcription, but they show some unusual features. They begin with illegible traces apparently of two line ends near the top opposite ii $1-3$. Below this there are no traces for 0.5 cm . though the edge follows the same vertical for some
distance below. It is a possibility that the top of this column had a heading similar to those in 29302933, though the traces at the top are unrecognizable. Below the blank there are traces of ten entrics like those in col. ii, reaching probably to the foot of the roll. Of the first five only the ages and very intermittent traces of the account survive. The ages are (4?) $2,62,22$ (entry bracketed), 29, 53. This is an unusual range of ages compared with the predominance of the early thirties in the rest of the the mother's name in full or in part, the ages, and the end of the second line containing the account. The ages are $30,36,3 \mathrm{I}, 31,32$. The other remains are all routine except for the second line of the second
 of one artaba per month, because comparison with some of the entries in col. ii shows that it is the
 Epeiph, as a result of an application, (for Phamenoth, Pharmouthi,) Pachon, (and Payni,) 4 art.', which is effectively the same as the usual one '(issued in) Epeiph, (for) Phamenoth (and Pharmouthi), 2 art.; (issued in) Epeiph, as a result of an application, (for) Pachon (and Payni), 2 art.'.
Col. ii I-3 'Apollonius, son of Melas, grandson of Apollonius, mother Hermione, aged 32. (Issued in) Tybi (for) Phaophi (and) Hathyr another(?) I artaba; (issued in) Payni for (Choeac, Tybi, and) Mecheir,
3 artabas; (issued in) Epeiph (for) Phamenoth (and Pharmouthi), 2 artabas; (issued in) Epeiph, as a result of an application, (for) Pachon (and Payni), 2 artabas; (issued in) Thoth for Epeiph (etc.), 3 artabas.'

${ }^{d} \lambda \lambda($. ) (apr.) a. The simplest hypothesis would be that half allowances amounting to I art. had been issued for Phaophi and Hathyr, completed by late payment in Tybi of the outstanding I art Пav̂vı $\hat{v}(\pi \epsilon \bar{\rho})$ Mєхєip (äpr.) $\gamma$. See introd.
previous sequence 'for Mecheir, 3 art.' means ' 3 artabas , onthi) ' nd only . o encompass all the letters, in others it seems too short some other places the result seems long enoug intended in every case and have written the month name out in full, taking it as 'verschleift' rather than abbreviated.
 ee $5,8,11,16,19,22,25,28,[34],[37]$. The manner of writing is not so certain. It might be $\epsilon \xi$

 different from the ones we have, applications for the payment of overdue allowances and not for
 ${ }_{c \epsilon \omega c} \Phi_{a \rho}(\mu \circ \hat{\theta} \theta t)$ etc. do refer to applications for admission

 $9,12,20,26,29,35,38$. The extra 2 artabas are apparently a bonus, see 9 n. In entries of this type the
bonus is paid in Thoth along with the allowance for Epeiph; in the other type it is issued in Mesore. If all the explanations offered are correct the entry records issues of the regulation one artaba per month for the period Choeac to Epeiph, plus a bonus of 2 artabas. There were five actual issues, in Tybi, Payni, twice in Epeiph, and in Thoth. There is an evident connection between this pattern and he harvest time. Rents in grain are usually required to be paid in Payni and Epeiph, after the harvest 4-6 'Apion, son of Serenus, grandson of Lucius Ofellius Sarapion, mother Apollonia, aged..
(Issued in) 'Tybi, (for) Phaophi (and) Hathyr, another(?) I art., (and), as a result of an application, (the allowances for) Choeac (and) Tybi; (issued in) Payni (the allowance for) Mecheir; (issued in) Epeiph, for Phamenoth (and Pharmouthi), 2 art.; (issued in) Epeiph, as a result of an application, for Pachon (and Payni), 2 art.; (issued in) 'Thoth (for) Epeiph (etc.), 3 art.'

5 Tô $\beta$ ．It is not clear whether this means that the allowance for Tybi was issued on a separate occasion in Tybi or at the same time as the arrears．The translation assumes that all the issues wer 7－9＇Antaeodorus，son of Isidorus，grandson of Sarapion，mother Dieus，daughter of Theon，aged
22．（Issued in）Tybi（for）Phaophi（and）Hathyr，another（？）I art．；（issued in）Payni for（Choear，Tybi， 22．（Issued in）Tybi（for）Phaophi（and）Hathyr，another（？）I art．；（issued in）Payni for（Choeac，Tybi，
and）Mecheir，〈3〉 art．；（issued in）Epeiph（for）Phamenoth（and Pharmouthi）， 2 art．；（issued in） Epeiph，as a result of an application，（for）Pachon（and Payni）， 2 art．；（issued in）Mesore（for）Payni， as a bonus（？）， 2 art．；（（issued in）Thoth（the allowance）for Epeiph．＇
$8 M \epsilon \chi \in \dot{\rho} \rho$（åpr．）＜figure＞．The figure is evidently omitted only through inadvertence since the sign
 $\lambda$ h＇$\mu$（ $\mu$ aroco）is best．The sense seems to be＇gain，profit＇，or as we should say＇a bonus＇．The argumen is as follows．The succession of months involved runs Pachon，Payni，Epeiph，Mesore，Thoth．The
previous issue，namely 2 art．in Epeiph credited to Pachon，seems from all that precedes to cover both previous issue，namely 2 art．in Epeiph credited to Pachon，seems from all that precedes to cover both
Pachon and Payni．The next allowance due was for Epeiph and it was issued in Thoth．Thi Pachon and Payni．The next allowance due was for Epelph and it was issued in Thoth．This been made already，and is marked out by the special notation $\lambda \eta \mu()$ ．Our word for an extra issue of this kind would be＇bonus＇．

This hypothesis seems to fit well enough here，but the similar entrics in 2936 and 2937 with

${ }^{10-12}$＇Apollonius，son of Theon，grandson of Diogenes，mother Stratonice，aged 30＋．（Issued in） Tybi，（for）Phaophi（and）Hathyr，another（？）I art．，（and），as a result of an application，（the allowances ior）Choeac（and）Tybi；（issued in）Payni（the allowance）for Mecheir，（issued in）Epeiph，（for）
Phamenoth（and Pharmouthi）， 2 art．；（issued in）Epeiph，as a result of an application，（for）Pachon （and Payni）， 2 art．；（issued in）Mesore（for）Payni，as a bonus（？）， 2 art．，（issued in）Thoth（the allowance） for Epeiph．＇ ＇A．．．，son of ．．．grandson of Ammonius，mother ．．．，aged 34．（Issued in）Tybi，（for） 13－14＇＇A ．．．，sgn of $\ldots$ ，grandson of Ammonius，mother ．．．．aged 34．（Issued in）Tybi，（for）
Phaophi（？）＇etc．
As well as being damaged this entry is also unusually short．The only other not to reach a third
line is the last in the column（ $39-40$ ）；this one may be even shorter，though it is not certain whether line is the last in the column（ $39-40$ ）；this one may be even shorter，though it is not certain whether
it finishes where the traces end or whether the line rose a little and more has been lost where a long it finishes where the traces end or whether the line
horizontal strip of papyrus has been pulled away．
15－17＇Harpocration，son of Demetrius，mother Tayris，aged 34．（Issued in）Choeac（for）Mesore
（？），Thoth，（Phaophi，and Hathyr），another＇？） 3 art．，（and），as a result of an application，（the allowances （？），Thoth，（Phaophi，and Hathyr），another（？） 3 art．，（and），as a result of an application，（the allowances
for）Choeac（and）Tybi；（issued in）Epeiph（for Mecheir），Phamenoth，（and Pharmouthi）， （or）Choeac（and）Tybi；（issued in）Epeiph（for Mecheir），Phamenoth，（and Pharmouthi）， 3 art．，
（issued in）Epeiph，as a result of an application，（for）Pachon（and Payni）， 2 art．；（issued in）Mesore （for）Payni，as a bonus（？）， 2 art．＇

15 The grandfather＇s name is omitted，which is slightly unusual，but the significance of the omis－ sion is not known．In 33 the situation is the same and he father＇s name is aiso Demetrius；it is re－ motely possible that these recipients were half－brothers．
$16 M \epsilon \xi\left(o \rho \eta^{\prime}\right)$ ．The writing between $X o o(\hat{\alpha} \kappa)$ and $\Theta \omega^{\prime} \theta$ is undamaged but very rapid．The formula this reading half allowances would have been paid for Mesore and Thoth，to be completed by the out－ standing 1 artaba paid late，in Choeac，together with the standard allowances for Phaophi and Hathyr－ a total of 3 artabas paid in Choeac．The writing is very similar to that in the sequence AQíp，．．．©ẃ

ic mention of a payment for Mecheir，i．e．，here and iuence sphamenoth，（and Pharmouthi）．
${ }^{18-20}$＇Aphynchis，son of Thonis，grandson of Antiochus，mother Isidora，aged 35．（Issued in） Tybi，（for）Phaophi（and）Hathyr，another（？）I art．，（and），as a result of an application，（the allowances
for）Choeac（and）Tybi；（issued in）Payni（the allowance）for Mecheir；（issued in）Epeiph（for）

Phamenoth（and Pharmouthi）， 2 art．；（issued in）Epciph，as a result of an application，（for）Pachon（and Payni）， 2 art．；（issued in）Mesore（for）Payni，as a bonus（？）， 2 art．；（issued in）Thoth（the allowance） for Epeiph．＇
Tybi（for）Phaoph son of Sarapammon，grandson of Theon，mother Sarapias，aged 34．（Issued in） Tybi（for）Phaophi（and）Hathyr，another（？）I art．，（and），as a result of an application，（the allowances
for）Choeac（and）Tybi；（issued in）Epeiph（for Mecheir），Phamenoth，（and Pharmouthi）， 3 art． （issued in）Epeiph，as a resslt of an application，（for）Pachon（and Payni）， 2 art．；（issued in）Thoth for Epeiph（etc．）， 3 art
24－6＇Amois，son of Aphynchis，grandson of Amois，mother Apollonia，aged 35．（Issued in）
Choeac（for）Mesore（？）． Tybi，and）Mecheir， 3 art．；（issued in）Epeiph（for）Phamenoth（and Pharmouthi） 2 art．；（issued in） Epeiph，as a result of an application，（for）Pachon（and Payni）， 2 art．；（issued in）Mesore（for）Payni， as a bonus（？）， 2 art．；（issued in）Thoth（the allowance）for Epeiph，＇

5 Xot（ák），Mss（opq́），©山́ $\theta$ ．See 16 n
27－9＇Amois，son of Romanus，grandson of Sarapammon，mother Thaësis，aged 35．（Issued in） Tybi（for）Phaophi（and）Hathyr another（P）I art．，（and），as a result of an application，the allowances for）Choeac（and）Tybi；（issued in）Pachon（the allowance）for Mecheir；（issued in）Epeiph（for）
Phamenoth（and Pharmouthi）， 2 art．；（issued in）Epeiph，as a result of an application，（for）Pachon Phamenoth（and Pharmouthi）， 2 art．；（issued in）Epeiph，as a result of an application，（for）Pachon
（and Payni）， 2 art．；（issued in）Mesore（for）Payni，as a bonus（？）， 2 art．；（issued in）Thoth（the allow－ ance）for Epeiph．＇
30－2＇Antonius，son of Asclas，grandson of Asclas，mother Peine，aged 36．（Issued in）Tybi（for） Phaophi（and）Hathyr，another（？）I art．，（and），as a result of an application，，（the allowances for）Choeac （and）Tybi；（issued in）Payni（the allowance）for Mecheir；（issued in）Epeiph（for）Phamenoth（and Pharmouthi）， 2 art．；（issued in）Epeiph，as a result of
（issued in）Mesore（for）Payni，as a bonus（？）， 2 art．＇
33－5＇Agathus Daemon alias Thonis，son of Demetrius，mother Didyme，（aged ．．）．（Issued in） ${ }^{3}{ }^{33-5}$ ）Agathus Daemon alias Ior）Phaophi（and）Hathyr another（？）I art．；（issued in）Payni for（Choeac，Tybi and）Mecheir 3 art．；（issued in）Epeiph（for）Phamenoth（and Pharmouthi）， 2 art．；（issued in）Epeiph，as a result of an application，（for）Pachon（and Payni）， 2 art．；（issued in）Mesore（for）Payni，as a bonus（？）， 2 art． （issued in）Thoth（the allowance）for Epeiph．＇
in）Tybi（for）Phaophi（and）Hathyr， in）Tybi（for）Phaophi（and）Hathyr，．．．4 art．，another（？）I art．．（and），as a result of an application，
（the allowances for）Choeac（and）Tybi；（issued in）Payni（the allowance）for Mecheir；（issued in） （the allowances for）Choeac（and）Yybi；（issued in）Payni（the allowance）for Mecheir；（issued in） （for）Pachon（and Payni）， 2 art．；（issued in）Mesore（for）Payni，as a bonus（？）， 2 art．；（（issued in）Thoth （the allowance）for Epeiph．＇
37 ．．．app．）$\delta$ ．If this is an additional payment it will not fit into the regular scheme．The total
allowances for Phaophi to Tybi inclusive would be 4 art．，so that one might guess for the sense＇to com plete the amount owed，i．e． 4 art．＇，but the position seems wrong．This comment one might expec either at the beginning of the allowances issued in Tybi or at the end of them，but not in the middle The writing could represent $\epsilon^{\prime}=\dot{\epsilon}(\pi \grave{l}$ ro aviró），i．e．＇total＇，followed by a ligature to the artaba sign， but it would be very uncertain． 39－40＇Ammonius，son of Horion，grandson of Pausanias，mother Isidora，（aged ．．．．）．（Issued in）
Tybi（for）Phaophi（and）Hathyr，another（？）I art．；（issued in）Payni for（Choeac，Tybi，and）Mecheir， 3 art．；（issued in）Epeiph（for）Phamenoth（and Pharmouthi）， 2 art．．

Though unusually short the entry follows a standard pattern as far as it goes，see，e．g．， 2

22 3B．15／D（88）a

## 2935

It is noticeable that in this item it is not possible to match the issues actually noted with the theoretical allowance of one artaba per month quite so satisfactorily as in 2934 ． The explanation of the very different pattern may be that this is a register for a dif－
ferent year, perhaps the year preceding that of 2934. Here the last entry is generally an issue made in Hathyr to cover Mesore and Thoth, there the first issue is generally one covering the next two months, Phaophi and Hathyr, made in Tybi. This first entry in 2934, however, is only for half the expected quantity, implying a previous instalment, so that the chronological relationship is far from sure.

( $\epsilon \tau \hat{\omega} \nu) \kappa[$



$(\dot{\epsilon} \tau \omega \nu) \kappa[$



 ${ }^{'} E \pi \epsilon ' \phi[]$

10


 $\dot{\alpha} \xi\left(\omega^{\prime} c \epsilon \omega c\right){ }^{\prime} E \pi \epsilon i \phi,{ }^{\prime} A \theta \dot{v} \rho, M \in c(o p \eta \prime), \dot{\Theta} \omega^{\prime}[\theta$

$(\dot{\epsilon} \tau \hat{\omega} \nu) \iota \theta^{-}$



${ }_{5}[\ldots .] ..[.] . \mu \eta(\tau \rho o ̀ c) ~ \Theta a \tau \rho \hat{\tau} \tau \circ c \quad(\epsilon ่ \tau \omega ิ \nu) \iota \theta$



 $\left.\beta, A \theta v^{\prime} \rho, M_{\epsilon} \in(\circ \rho \eta ́), \Theta_{\omega} \dot{\theta}, \llbracket A \theta \dot{v} \rho, M \in c(o \rho \eta ́), \Theta_{\omega} \theta \rrbracket\right], \delta$.


 A $\left.\theta \dot{v} \rho, M_{\epsilon c}(o \rho \eta)^{\prime}\right), \Theta \omega \theta$.




## 

$(\dot{\epsilon} \tau \hat{\omega} \nu) \kappa \epsilon^{-}$



iii





 $-a \chi^{\circ}$, , $a^{\mu}, \mu \in \subset[\phi] a p \mu, \ldots-\beta, \alpha \xi^{\prime}, \mu \in c$

Col. iii $3,5 \chi^{\circ}, \rho^{\circ} \gamma{ }^{\circ}$
Col. i There remain only the ends of two finials near the foot to the left of ii 21 and 23
Col. ii 1-2 Amois alias Gennadius, son of Isidorus, mother Tereus, aged 20[ + ?]. (Issued in) Gnoeac...2 $2 \frac{1}{2}$ art., Tybi, Mecheir, Phamenoth, Payni; (issued in) Mesore (for) Pharmouthi (and Pachon), 2 art.; (issued in) Thoth, as a result of an
Hathyr (the allowances for) Mesore (and) Thoth.

This entry fits the scheme of one artaba per month, except that in Choeac an unusually large isue of $2 \frac{1}{8}$ art. was made, unless the two or three unread letters before the amount mean something significantly different; see also zo n. Presumably the extra $\frac{1}{\frac{1}{2}}$ art. supply deficiencies in the allowances for previous months.
 in Payni apparently counts for that month although the deficiency of the preceding Pharmouthi (and Pachon) remains to be made up two months later in Mesore.
in) Pachon, (the allowances for) Mecheir (and) Phamenoth; (issued in Payni the allowance for) Payni; (issued on) Thoth 30,4 art.; (issued in) Hathyr (the allowances for) Mesore (and) Thoth. 4 (a.pr.) $\delta$. The missing months are Pharmouthi, Pachon, and Epeiph, so that there seems to be one artaba too many. Perhaps it goes right back to Tybi, cf. 7 n ., 9 n . but see 18 n . The entry is unusual in beginning as late as the allowance for Mecheir paid in Pachon.

5-8 A...., son of Sarapion, grandson of Horion, mother Sarallium(?), daughter of ... nius alias
ara(pion?), (former?) cosmetes, councillor, aged $20 . \ldots$ (Tybi?), 2 art., Payni, (issued in) Mesore (for) Pharmouthi (and Pachon), 2 art.; (issued in) Thoth, as a result of an application, (the allowance for) Epeiph.'
 Mil. Vogl. I $263,5,11,15,16,17$; SB VI 9370 iv $23(?)$.

6 At the beginning restore probably өvparpóc but it may have been abbreviated. The mark of abbreviation in Capa probably implies a following pi and Capa( $\pi i \omega v o c)$ is by far the likeliest name to be shortened so drastically

7 Restore probably $\left.T^{2} \beta \beta\right] \quad \beta$, c. $13,16,18,22,25$. It seems to be normal in this piece for two artabas to be issued in Tybi. The extra artaba should probably be counted back to the carlicr months of the year. In the only case where Tybi appears but lacks the double allowance (2), Chocac has an
unusually large allowance. In another case Tybi does not appear, but Mechcir has a triple allowance evidently to make up what was not paid in Tybi (20). $\quad$. This is also the only entry to lack the final sequence
amounts that can be assigned to Mecheir or Phamenoth.
$8-9$

'A..., son of $\ldots$, | Mecteir, , Phamenoth, Payni; (issued in) Hathyr (for) Mesore (and) Thoth, 6 art.' |
| :--- |
| 8 lv |
| Iaußinctoc |
| Atheovoc. |

 9 (apr.) 5. This unusually large issue seems to indicate a situation very like that in 3 -4. There
 artaba back at least to Tybi, cf, 88 n .

To-11 'A..., son of .... mon alias Aunes, grandson of Plution, mother ...., aged 20. (... Tybi?), 2 art, Mecheir, Phamenoth; (issued in) Mesore (for) Pharmouthi, (Pachon, and Payni) 3 art; ; (issued
on) Thoth 3o, as a result of an application, (the allowance for) Epeiph; (issued in) Hathyr, (hhe allowances for) Mesore (and) Thoth.'
${ }^{11}$ Tovpil $\beta$. Cf, 7 n.
 Thoth 30, as a result of an application, (for Payni and) Epeiph, 2 art.; (issued in) Hathyr (the allowances for) Mesore (and) Thoth,'
$12 T_{\text {caroôroc. }}$ Perraps a variant of the known name Tanooc; only tops of the first few letters survive
${ }^{\text {I }} 4$-16 'A ... alias Horion, son of Artemidorus alias Chaeremon, grandson of ..., mother Thatres, ${ }^{\text {aged 19. ... Choeac 26, Tybi, } 2 \text { art., Mecheir, Phamenoth, Payni; (issued in) Mesore, (for) Phart }}$ mouthi (and Pachon)y a art.; (issued in) Thoth, as a result of an application, (the allowance for) Epeiph; (issued in) Hathyr (the allowances for) Mesore (and) Thoth.

ar spite of the blank the gap at the beginning is wide enough to have contained another entry for Choeac, as in $20,22,25$, and probably 18 . Pharmouthi (and Pachon), 2 art. ; (issued in) Hathyry (for) Mesore and Thoth, 4 art.'
${ }^{18}[\cdots$. (app.) a. The space probably contained another entry for Chocac as in 20, 22,25 , (and perhaps 16, though it sems just sightly too narrow for more than Xo. If these places are to fit the Tybi must be counted back towards the months before Choeac of 2 n $\delta$. This issue of 4 art. produces the same sort of surplus of I art. that
of $2-4$ and $8-9$, see 4 n. Here where the entry is relaively complete it seems unlikely that the extra artaba should be counted backwards. Perhaps it was part of a bonus, cf, 29349 n.

19-20 'New entry. Alypis alias Plutarch, son of Isidorus alias Serenus, mother Diogenis, aged 16 . (and Pachon), 2 art - (issued in) Thoth as a result of an application, (the allowance for) Epeiph; (issued in) Hathyr (the allowances for) Mesore (and) Thoth.'
$19(\pi) \rho(0 c) y_{l}(\nu)$. For the abbreviation, see 2915 20 n. Note that the paragraphus under 18 separates these new entrants from the preceding established ones.

illegibe and damaged writing may simply be a day number; if (ak) a (apor.) $\alpha$. Here and in 2 the
 cf. 7 n. of Theon, aged 20. Choeac I, I art., Chocac 26, Tybi, 2 art.; (for Mecheir and) Phamenoth, 2 art. ;
(issued in Payni the allowance for) Payni; (issued in) Mesore (for) Pharmouthi (and Pachon), 2 art.; (issued in) Thoth, as a result of an application, (the allowance for) Epeiph; (issued in) Hathyr (the allowances for) Mesore (and) Thoth.'
 $23-5$ 'New entry. Arion, son of Morus, grandson of Pausirion, mother Thatres, aged 25. As
result of an application. Choeac 1, 1 art., Choeac 26, Tybi, 2 art., Mecheir, Phamenoth, Payni; a result of an application. Choeac 1, 1 art., Choeac 26, Tybi, 2 art., Mecheir, Phamenoth, Pa
(issued in) Mesore (for) Pharmouthi (and Pachon)...2 art.; (issued in) Thoth, as a result of an application, (the allowance for) Epeiph; issued in Hathyr (the allowances for) Mesore (and) Thoth.' $24 \tilde{\xi} \dot{\xi} \xi(\omega \in c \epsilon c \in$ is written in a small hand below 23 but appears from the spacing to have been in place before 25 was written. The significance is doubtful but probably it is to be compared with the



Col. iiii A large blank space about $I 1 \times 17 \mathrm{~cm}$, at the bottom right of this piece shows that col. iii sher alpha.

## 2936

$233^{B} \cdot 11 / \mathrm{D}(\mathrm{I} 2)$ and (13)
$15.5 \times 28 \mathrm{~cm}$.
Dec.|Jan., A.D. $27 \mathrm{I} / 2$
]. ${ }^{\text {2 }} \mathrm{Eac} \pi \epsilon!$. $\phi$
] (vac.) $\tau \epsilon^{\lambda}$
' $E] \pi \epsilon$ 'i $\quad(\epsilon ่ \tau \hat{\omega} \nu) \nu \epsilon$
5
(vac.) $\quad \tau \epsilon^{\lambda}$
(vac.) $\tau \epsilon^{\lambda}$
(vac.) $\tau \epsilon^{\lambda}$
'Eme'i,$\Phi_{\alpha \mu}(\epsilon \nu \grave{\omega} \theta)(\dot{\alpha} \rho \tau)$.
] (vac.)
10
$c \quad \tau \epsilon^{\lambda}$
. ${ }^{'} E \pi \epsilon \dot{\prime} \phi, \Phi_{\alpha \mu}(\epsilon \nu \dot{\omega} \theta)(\dot{\alpha} \rho \tau)$.
(vac.)
$\tau \epsilon^{\lambda}$
$\left.{ }^{\prime} E\right] T \pi \epsilon i \phi, \Phi_{\alpha \mu}(\epsilon \nu \dot{\omega} \theta) a(\eta ँ \mu \iota c v)$

#  <br>  <br>  $\lambda \eta \mu()(\dot{\alpha} \rho \tau) a,. ~ \Theta \dot{\omega} \theta \dot{v}(\pi \dot{\epsilon} \rho)^{'} E \pi[\epsilon \dot{\epsilon} \phi$ <br>  <br> A.... $\epsilon \iota \nu$ ос . $\mu \eta \epsilon \iota \tau о с ~ \mu \eta(\tau \rho o ̀ c) T \alpha \nu$.[ <br>  <br> $$
\dot{\alpha} \xi(\iota \omega ́ c \epsilon \omega c) \Pi a \chi(\dot{\omega} \nu)\left(\dot{\alpha} \rho \tau_{0}\right) a[
$$ 

 Пav̂̀


|  |  |
| :---: | :---: |
|  |  |




Męc(op $), \Pi a \hat{v} \nu, \lambda \eta \mu()(\dot{a} \rho \tau) a.[$
$(\pi) \rho(o c \gamma i v e \tau \alpha l)$ é $\xi(\vec{a} \xi \iota \omega ́ c \in \omega c)$
${ }^{\prime} E \pi \epsilon i \phi$

 (vac.) Mec (op $\dot{\eta}) \stackrel{\epsilon}{\xi} \xi \hat{\alpha} \xi(\iota \omega ́ c \epsilon \omega c) ~ \Pi a \chi(\dot{\omega} \nu)(\dot{\alpha} \rho \tau) a,$.








 ( $\left.{ }^{\rho} \rho \tau.\right) ~ a, ~ M \epsilon \epsilon\left(o \rho \eta \eta^{\prime}\right), ~ \Pi a \hat{v}[\nu$

20

$\left.{ }^{\prime} E \pi \epsilon i\right] \phi$

${ }^{'} E \pi \epsilon i \phi, \ldots(\dot{\alpha} \rho \tau) a,. \Theta \dot{\omega} \theta \dot{v}(\pi \tau \dot{\epsilon} \rho){ }^{\prime} E_{\pi \epsilon i \phi} \beta$ ( $\left.\eta \mu \mu c v\right)$ [

$M]_{\epsilon с о р \eta ̀ ~}^{\beta}$
 ${ }^{\prime} E \pi \epsilon i \phi$ a $\left(\eta{ }_{\eta} \mu \iota v\right)$ [















${ }_{5-7 \text { The spacing suggests that there were three entries in three lines. If so, they were much shorter }}$ than usual.
to I.c. Just possibly this should be read ].s, i.e. an age number. It looks just like the end of I
I which seems to be a mother's name, but the ages below 4 were either omitted entirely or occurred muc further to the left. So too the finial in 13 could be a figure or a letter.
Carly.
I $(\pi) \rho(o c) \gamma^{\prime}(\nu \epsilon \tau a u)$. See 291520 n .


 frequently in 2934, suggests that Mec(opq), which is a plausible reading and the month after Epeiph, is the right interpretation.
4 After $A$, $c$ or $o$ or perhaps a rounded $\varphi$; Appuctivoc is the only possibility that I have thought which is not excluded, but it is not specially suitable.



 and the whole line transiated 'He was enrolled by me, Serenus, nominator, because of the illness of ( $\mathbf{X}$.?) the phylarch.'
${ }^{14}$ Possibly тov $\kappa[a i \ldots$. . Generally the patronymic occurs without the article in this archive and this is the usual Oxyrhynchite practice, but there are exceptions. Demetrius may or may not be the same patron as the one in 17 ; see also 2937 ii 2 .
$17{ }^{\prime}$ Eтadpójectoc. $\%$ for 8 , cf. 1069 passim, for confusion between the two. do throughout.


$20 \Delta x \delta[\hat{y} \mu \mathrm{v}$ is most probable, but there are several less likely possibilities in NB
$\left.{ }_{28}^{24} \mathrm{~T} \bar{v}\right] \rho\left[c^{2} ?\right]$. The gap is narrow. Probably no day was given. The significance of the date is puzzle. One might imagine perhaps that it is the date when the register as first compiled by the phylarch's deputies, that is, containing the names only, was delivered to persons responsible for keeping a record of actual issues of corn. But in that case the names in col. ii were added after the transfer, i.e.
in 1 the new entrant was added in the Pharmouthi two to three months after the Tybi in this line. This in 1 the new entrant was added in the Pharmouthi two to three months after the Tybi in this line. This
is possible, but the layout of the page does not suggest that the date at the foot was written first and that the names in coll. ii were added in a space left blank for them. More probably, then, the phylarchsor their deputies, as in this case-had the lists of names compiled, supervised or checked the entries made against the names, added new names from time to time, and finally, when the registers were complete for a specified period, subscribed them as in these lines and had them filed in whatever the
approne appropriate repository was. If this is right, the Pharmouthi of the marginal note to line 1 is the The last of these additional entrants was added in Mesore, the last month of the Graeco-Egyptian year. Supposing that the register covers the official year A.D. 270/1, Tybi (Dec./Jan.) A.D. $271 / 2$ is a reason able time for the register to be closed after arrears had been paid off
${ }^{28-31 \text { These subscriptions do not quite conform to what we might expect from the formulary in }}$ the papyrus is blank beneath 31 for a depth of about 2.5 cm . there perhaps three lines on the frayed and rubbed fibres at the foot. Lines $29-91$ very faint traces of two or or the ciree lines on frayed and s follows: Avernces of the phylarch's subscription 2927 21-2, from which they might be reconstructed
 Certainty about abbreviations and line division cannot, of course, be reached. Nevertheless line 30 appears to be too long, even with drastic abbreviation, and it is probable that a shorter version was used. One may compare in a general way the phylarch's short subscriptions to individual applications references listed in 2927 introd.).
A problem remains in the first subscription, lines 28-9. Probably we should restore the title of
 in 29 conform to the phylarch's subscription in $292721-2$ and to line 31 here. If this is right it would appear that the duties of the indisposed phylarch were taken over by
 rì фuえapxiay. In the absence of the phylarch two persons were required to subscribe in the same sense he would have done had he been able to act

## 2937

23 3B.11/D(13)

$$
\begin{aligned}
& \text { frag. I } 15.5 \times 16 \mathrm{~cm}, \\
& \text { frag. } 212.5 \times 115 \mathrm{~cm} \text {, } \\
& \text { frag. } 37.5 \times 15 \mathrm{~cm} \text {. }
\end{aligned}
$$

Fragment i contains the ends of col. i and the beginnings of col. ii; fragment 2 the ends of col. ii. The position of fragment 3 is uncertain. It appears to come from the foot of the roll, but it might come from either of the two columns here or from a different place altogether.

Fr. I
i
] $4[\iota]$ ]ско́óov $\mu \eta(\tau \rho o ̀ c) ~ \Theta \epsilon \rho \mu о v \theta i o ̣ u$

] T:̣өоŋ̂тос $\mu \eta$ (тро̀с) Сои́рюос

$] M \epsilon c\left(o \rho \eta \eta^{\prime}\right), \Pi \quad \Pi \alpha \hat{v} \iota, \lambda \eta \mu(\quad)(\dot{\alpha} \rho \tau)$.
].. (vac.)
]. $\omega \nu \Delta \iota о с к о ́ \rho о v ~ \mu \eta$ (тро́с) Caратıáסoc

$\hat{\nu}\rceil_{\iota, ~} \lambda \eta \mu()(\dot{\alpha} \rho \tau)$.
] (vac.)
] $\Delta \eta \mu \eta \tau \rho i o v \mu \eta(\tau \rho o ̀ c) T a \phi i ́ \lambda \omega \nu o c$




] (vac.)

] $\mathfrak{\epsilon} \xi\}$
] (vac.)
]. Oov [ $\mu] \eta(\tau \rho o ̀ c)$ Capa[
]. .[

## Frr. I +2

ii
$\dot{\alpha} \pi \epsilon \lambda \epsilon \dot{v} \theta(\epsilon \rho \circ \iota)[\lambda \epsilon \lambda \epsilon]$ ] $\quad$ ovp $\gamma(\eta \kappa o ́ \tau \epsilon c)$




 ( $\dot{\alpha} \rho \tau)$.



$\Phi_{а \mu є у \dot{\omega} \theta\left(\dot{\alpha} \rho \tau_{.}\right) \alpha}$
 $\dot{v}(\pi \epsilon ̀ \rho){ }^{\prime} E \pi \epsilon i \phi$








$T 仑 \beta \iota, \Phi_{\alpha \omega} \phi \iota, A \subset[\theta \hat{v} \rho$

[^0]Fr. 3
. . .]. . ovc $\chi \rho \eta \mu[$

$\Theta[\omega \dot{\omega}] \theta \dot{v}(\pi \epsilon \grave{\rho}){ }^{\prime} E \pi \epsilon i \phi$ a $\left(\eta \eta_{\mu}^{\prime} \mu v\right)$
(vac.)

${ }^{\prime}{ }^{\prime} \mu \mu \mu \nu \nu$ 'Ovv${ }^{\prime} \phi \rho[$ [ос



$\ldots . . .$. . . . . ] पெоско́роу [
............] ${ }_{\alpha}^{\dot{\alpha}} \lambda \lambda()(\alpha \dot{\alpha} \rho \tau.) \underset{\sim}{a} \ldots[$
].
2 addas['?] $\quad 3 v^{v}, a S^{\prime} \quad 6 a \xi \times 0^{\circ} \quad 7 a \xi \pi a \chi \div a \quad 9 a \xi \times 0^{\circ}, a S^{\prime}[\quad$ II $a \lambda \lambda \div$
Col. i I $\Theta e p \mu$ ovtloy seems best; other possibilities, e.g. -oc, $-\alpha$, , are hardly excluded.
2 To begin with ja $\lambda \lambda a S^{\prime}=a \lambda \lambda(){ }_{q}\left({ }^{( }{ }^{\circ} \mu c \tau v\right)$ is perhaps the best in view of 2934 ii 2 etc. $\dot{\alpha} \lambda \lambda($ (äpr.) $a ;$ other possibilities are ]. $\alpha \lambda() a S^{\prime}, 1 . q \lambda \lambda S^{\prime}$.
$\Phi_{\alpha \mu \epsilon v \dot{\theta} \text { : : verschleift. }}$
ther entries reachece are slightly puzzling since the preceding line is so short and since none of the a ${ }^{2} \lambda \lambda\left(\right.$ ) ( $\left.{ }^{\prime} \mu c u\right)$ fourth line. Perhaps the ink is accidental.
$M \epsilon \epsilon\left(\rho \rho \eta^{\prime}\right)$. Cf. 2936 ii 3 n .
i2 TapiAmvoc. New; Egyptian feminine article plus $\Phi(\lambda \omega \nu$,

Col. ii I Possibly the headin. Perhaps it was misplaced, cf. 293012 n., or the person was dead
Coin in I Possibly the heading should be expanded in the genitive rather than the nominative.
3 Possibly $\alpha \lambda(), \alpha(\eta \mu c v)$, cf. i 2 n, but $\lambda$ looks far preferable
$M \epsilon x^{\text {. seemas to have been botched in some way now not clear, but cf. } 6,9}$



9 Cf. 3 and restore, e.g., $\bar{\alpha} \lambda \lambda()$ ) ( $\eta \mu c c u)$.

${ }_{14}$ Eùrux. [. Also possible is Eùruxy[].] [; Eưruxuo [c seems best.
 the restoration is slightly doubfful. The best-attested possibility is o]juzvorokT[apooc, see LSJ Suppl. s.v., referring to IGRom. 3. 801, 20; 802, 25. In SPP xx 48,6 the reading is reported as ouvvoikrâa $\{k\}$ тo
 graph kindly supplied by the Osterreichische Nationalbibliothek. In the Suda and in another lexicon I On manumission by dindicta in Egypt see Taubenschlag, Law², p. 99. This passage casts doubt
on his statement that it disappeared after the constitutio Antoniniana.

 is also suspect．

This isolated reference to a slave freed in the formal manner indicates that the freedmen not so specifically described were freed by the manumissio minus iusta and were consequently Latini rather than that the liturgy was a means of acquiring citizen rights（Introd．pp．4，12）it might be argued that the
 because he could not be properly listed in any other category．

## 2938．Receipt

$354 \mathrm{~B} .7 \mathrm{I} / \mathrm{H}(\mathrm{I}-3) \mathrm{C} \quad 8.2 \times 10.5 \mathrm{~cm} . \quad$ A．D． $256-261 \mathrm{I}$ ？
The name of Calpurnius Eusebius，see 2925 2，is the only reason for publishing this scrap in connection with the corn dole archive．He is acting as an agent（3），and it is clearly attractive to restore the text on the theory that here too he is the m $\quad$ a $\alpha \mu \alpha$－ тevtท⿱亠䒑日儿 of Calpurnius Horion．The lower rank of his principal may be explained by the hypothesis that this text falls earlier in Horion＇s career than the documents of the archive．This would fit the possibility that in line 7 there is a reference to Mussius Aemilianus，praefectus Aegypti A．D．256／7－261．

The verso has remains of two columns of a daily account of personal expenditure on such items as water，beer，vegetables，and baths．



. . . . . . . . . . . .]. Саратíwn тратє弓єітŋ код-


$$
\begin{aligned}
& \text {. . . . . . . . . . . . . . . . . .оv т@̂ кvракє仑 до́үч аُко- } \\
& \text {. . . . . . . . . . . . . . . . . . . . . . . . . . . .].ov Aiщиль . . } \\
& \text {. . . . . . . . . . . . . . . . . . . . . . . . . . . . .]. . } \alpha \subset \in \xi[ \\
& \text {........................................................ [ }
\end{aligned}
$$


＇（Calpurnius Horion？），Roman knight，temple attendant of the great Sarapis，former exegetes， senator of the most glorious city（of the Alexandrians）and however he is officially styled，through me
Calpurnius Eusebius，（agent？），to Sarapion，banker of an exchange bank，greeting．I have received from you ．．（to？）the imperial account in accordance with（orders given by Mussius Aemilianus？）．．．s＇ 22 é $\eta \eta \gamma \hat{n}(\tau e \dot{c}(a c)$ ．If it is right to restore Horion＇s name in x ，this document was apparently drawn up before he became hypomnematographus．

are other possibilities；for instance，the banker＇s name may have been longer．It is possible that he should be identified with the man mentioned in 2925 4，in which case the line would read $A \hat{\nu} \rho \eta \lambda i c^{\prime}$ －Hp $\rho \hat{a} \tau \hat{\varphi}$ ка］！Capariuvn．However，the traces，though minute，are against iota because they are at th
top level and there is blank papyrus directly beneath them，where one would expect to see a descender
 Ai $\mu \lambda \lambda t \dot{\varphi} \varphi[00$ ．This would supply an approximate date in or not long after the prefecture of Aemilianu， but Ai $\mu \lambda i \neq p$ is not absolutely excluded，though less likely，and another Aemilianus is also possible．


## 2939－2940．Extracts from Archives ${ }^{1}$

Texts of this type are not uncommon：see 1649 I $n$ ．They illustrate how various was the information available in the $\beta \iota \beta \lambda \iota \circ \theta \eta \kappa \eta \quad \delta \eta \mu \circ c i \omega \nu \lambda o \gamma \omega \nu$ ．The extracts were made by or for individuals，who needed them as documentary evidence in negotiations with the administration ：see Hombert－Préaux，Recensement，pp． 144 seqq． 2939 documents the epicrisis of a boy， 2940 service as a liturgist． 2940 refers to Dec．／Jan．A．D．270／I ； there is no reason to think the copy much later than this，though the regnal year number for Vaballathus suggests that it is somewhat later．The earliest non－retrospective dating with a double regnal year number is of Phamenoth 18，I Aur． 4 Vab．，in P．Strasb． inv．gr．I238 in Recherches iii 62－3，no．8．It is tempting to link it with the corn dole which is now documented for Oxyrhynchus for the years A．D．269－72．Liturgical service was one of the qualifications for the dole；the o ov $\lambda$ acia is several times cited by applicants （2904 го， 2906 ii 9， 2909 го， 2915 г3， 2917 9）；one includes in his application an extract from his nomination to office（ 2915 II seqq．）；it is at least possible that others added separate certificates（ $\mathfrak{\epsilon} v \boldsymbol{\epsilon} \kappa \tau \alpha \dot{\alpha} \kappa \tau, 2913$ iii 9， 2915 ii 2 ？）．It may be that 2939 had a similar purpose；proof of epicrisis had often to be offered，e．g． 2898 ii $15-16$ ．Both these documents were found during the third season at Oxyrhynchus，like much of the corn dole archive．The closeness of the inventory numbers may indicate that they were all found not far apart．

23 3B．ri／D（ $\mathbf{1 0 - \mathrm { rr } ) \mathrm { b }}$
2939
$7 \times 29.2 \mathrm{~cm}$
Third cent．

$\delta \eta \mu о с i a c \beta \iota \beta \lambda$（ $\omega$ Ө $\eta^{\prime} \kappa \eta с$ ）
$\dot{\epsilon}^{\prime} \kappa \kappa \alpha \tau^{\prime} \alpha{ }^{\prime} \nu \delta \rho \alpha \dot{\epsilon} \pi i$
à $\mu$ фóסov Boppâ
Кр $\boldsymbol{\Pi} \pi \epsilon \hat{\delta} \circ \circ \subset$ $\kappa о \lambda\left(\lambda \eta \eta^{\prime} \mu \tau \sigma c\right) \mu \theta^{-} \mu \epsilon \tau^{\prime} \alpha^{\prime} \lambda \lambda \alpha$ ．
${ }_{2} \beta_{1} \beta^{\lambda}$ $6 \kappa \stackrel{\lambda}{\lambda}$
Mr．Parsons was preparing these papyri for publication when he read a draft of this volume． Recognizing the probability that they were connected with the corn dole he kindiy offered to allow me to append them here．I have drawn very largely on his typescripts，while making some alterations to take account of the rest of the archive．

```
\(\Delta \iota o v v ́ c t o c ~ M i v \delta a ́ \rho o v ~\)
    \(\mu \eta(\tau \rho o ̀ c) \Phi_{\text {аистєímс }}\)
каì тросүєі́vєтає \(\tau \hat{\varphi}\)
\(\gamma(\bar{\epsilon} \tau \epsilon \ell) \dot{\alpha} \pi \dot{\alpha} \dot{\alpha} \phi \eta \lambda i \kappa \kappa \varphi\)
```



${ }^{10}$
$8 \mu \eta^{2} \quad 10 \gamma S^{\prime \prime}$
11 $\pi \rho \circ<\beta^{\prime}, 185^{-}$
$1275^{\prime \prime}$
'Extract from the public record-office. From the list of individuals registered in the North Quay quarter, sheet 49 , after other matter: Dionysius son of Pindarus, mother Faustina; and he joins the list in the same 3 rd year.'

12 After the last line of writing there are $c .18 \mathrm{~cm}$. of papyrus blank, which might imply that the writer intended to copy more.

## 2940

23 3B.11/D(22-4)b
$8 \times 13 \mathrm{~cm}$.
A.D. 270/x or later

This extract is written in red ink. The first entry ends with line 9; there is then a space; a second entry must have followed, of which there remains only one trace at the bottom right of the main fragment, and three detached illegible scraps.

5

$$
\text { єic ơv ovגacíav } \mu \eta \tau \rho o-
$$

$\pi$ о́л $\epsilon \omega с$

らєו őขov (тє́тартоv)
. . . . .

## $4 a 5,85 \quad 9 \mathrm{~d}$

'Extract from the public record-office. From nominations made in the 1st and 4th year, Tybi, for metropolite donkey-transport: Euporus son of Herminus (and the rest of his official nomenclature) I donkey.'

3-6 Cf. 2915 II seqq.
4 Of $[\kappa] a\{$ nothing is really visible except the final long descender ; but $\phi$ is almost certain. Year of Aurelian and 4 of Vaballathus, A.D. $270 / \mathrm{I}$ : see Introd. p. 24.
5 This liturgy is mentioned in 2131 II ff, and in the Corn Dole texts cited in the introduction to
$2939-40$ in 2131 the nomination is made by the amphodogrammateus. The evidence is more exten $2939-40$; in 2131 the nomination is made by the amphodogrammateus. The evidence is more extensive for the villages, where the nomination was made by the comarchs (Börner, Statliche Korntransfort,
pp. 8 seq.). Except for $2915{ }_{17}$ I find nothing similar to line 9 , which presumably implies that four iturgists together were responsible for providing one donkey (or its monetary equivalent?).

## 2941-2942. Communications to a Nomarch

These two documents came to light while the volume was in the press, during the continuous process of cataloguing the collection. Both are addressed to a hithertounknown nomarch of Antinoopolis and both are so mutilated at the foot that the purpose of them is entirely unknown. One (2941) preserves just enough text to let us know that the sender had been appointed by the council of Antinoopolis to supervise distribution of loaves for one of the city's tribes-distribution, moreover, which took place both: inside and outside the framework of a cıт

For the date of the documents we have a fixed terminus post quem in the foundations of Antinoopolis, A.D. I30 (Kühn, Antinoopolis, p. 8). Neither of the senders has adopted the nomen Aurelius, from which we can probably conclude that these official documents: date from before the constitutio Antoniniana, A.D. 214 ( $\mathcal{F} E A$ xlviii (1962), pp. 124-31). The cursive hands in which they are written would naturally be assigned to the end of the second century or the beginning of the third and so do not contradict the other indications. The persons remain unidentified and I have detected no other element of evidence of the date. ${ }^{1}$

I had hazarded the guess that the sort of curnpécoov that we find in Oxyrhynchus would be likely to be confined to the city of Rome until Roman citizenship had been vastly extended by the constitutio Antoniniana (Introd. p. 9). If this Antinoite cuтךрécoov is of the same sort, that guess was probably wrong. We may, however, find it easier to envisage a different sort of procedure here if we remember that Antinoopolis was not founded on the model of the Egyptian nome capitals, but as a city of the Greek type. So the dole may have been modelled on the private largesses that were usual in Greek cities, for which see A. R. Hands, Charities, pp. 88 seqq. It may, for instance, have been an endowment by Hadrian, like the foundation he set up for the maintenance of the children of Antinoite citizens (SB $\vee 7602$ ).
I A more precise date for the existence of a curnpéciov in Antinoopolis can now be supplied from P. Mich. 629 , the text of which was generously made available to me in advance of publication by Dr. G. M. Browne. Though the document has lost its foot, where a date clause may well have stood, it is a petition addressed to the epistrategus Lucceius Ofellianus, known to have been in office from
 body of the text, which is an application for an extension of leave of absence from Antinoopolis.

Addendum. Nos. 294I and 2942 can now be approximately dated by the belated discovery that the nomarch Nicippus has appeared in a papyrus of A.D. I54, see Recherches de Papyrologie, III, pp. 26-7 n.I. The text has been reprinted as SB viii 9904, but the name does not appear in the index in SB ix because the reading was doubtful. It is now made certain by the new documents.

45 5B.59/G(5-7)b
On the left of the sheet there are remains of a join. Probably there was a $\tau \dot{\prime} \mu \mathrm{o}$ сvүко $\lambda \lambda \eta$ भ́сцос of related documents, from which 2942 also came.

'To Nicippus, nomarch of Antinoopolis, from Apollonius, son of Apollonius, grandson of Am monius, of the Nervian tribe and the Eirenian deme, appointed by the most excellent council (to be) monius, of the Nervian tribe and the Eirenian deme, appointed by the most excellent council (to be) outside the corn dole. . .'
${ }_{2}^{1}$. Incimmul. It may be that this hitherto unknown official was an Oxyrhynchite who brought these documents home among his papers.
 see N. Lewis, Inventory of Compulsory Services, s.v. àvádocuc; cf. BASP v (Ig68), p. 86. a figure,, $\bar{s}=6$ or $\xi=5$. The stroke above probably means that this number is an ordinal, ( $\pi$ t to be
 of the city called $\gamma \rho \dot{\beta} \mu \mu a \tau a$, subdivided further into $\pi \lambda \wedge \nu \theta \in \hat{i} a$, also numbered. So far, however, only four
 5 Alexandria (Kühn, pp. 26-7). If this is the service of a sixth or fifth year, the most likely would b
 the sense would be 'to be in charge of the distribution of loaves for the 200 men of the Nervian tribe both those in the corn dole and those outside the corn dole'. This cannot be confirmed as a reading but as a hypothesis it has the advantage of making т $\hat{\omega}$. . . ékroc curnpeciov refer to persons, as in P. Mich. 629. It is certain, however, that ávayopevopévov cannot be read in I3
$455 \mathrm{j} \cdot 54 / D(2-4) \mathrm{a}$
(m. 2) $\chi$
(m. I) Nıкіттшь七 vона́ $\rho \chi \eta \iota$

Àт $\frac{1}{}$ óov тó̀є $\omega$ с
$\pi] a[\rho \dot{a}]$ B $\eta<\alpha \rho^{\prime} \omega \nu$ ос то仑̂ каи

Ca]Bıviou тov к $\kappa(a i) T \rho \circ \phi \omega-$
$\nu$ Lé $\omega]$ ] $\pi \rho \circ \chi \epsilon \rho \iota \subset \theta \in ́ \varphi \tau[0] c$

. . . . . . . . . . . ]. .[

6 тovk $\quad 8$ ßoun
(2nd hand) 600 (?). (xst hand). To Nicippus, nomarch of Antinoopolis, from Besarion alias ... son of Apion, of the Sabinian tribe and the Trophonian deme, appointed by the most excellent coun-

In this position one would expect a file number, but $\chi$ represents 600 . Six hundred document of the same width as this one would make a roll of nearly 45 metres in length, which is impossibly long Perhaps the numeration of items was continued over several rolls. ${ }_{5}$ Presumably - $\dot{\nu} \delta \rho o c$ is a mistake for - $-\mathrm{d} v \rho \rho o v$. If so, there are many possible names, see Dornseiff-


## INDEXES

(Figures in small raised type refer to fragments, small roman numerals to columns. Square brackets indicate that a word is wholly or partly supplied from other sources
or by conjecture. The article and $\kappa a i$ are not indexed.)
I. EMPERORS AND REGNAL YEARS

Severus Alexander


## Philippi

Mápкoı 'Ioừtoo Year unknown [2913 iii 4].
Degius and Herennius
Aéкcot Year I 2913 ii 9
Gallienus
Гал入ı $\eta$ рóc Year 1329037.
Claudius II
K入aúơoc Year 229292.
 2894 ii $24-8$, iii $22-52895$ i $14-14$, ii $23-5$ Year uncertain 2896 io-12 2897 i2.
Aurelian and Vaballathus

 2 and $52904 \times 5-23 \quad 293625-8$ Year uncertain 2916 12-13 2922 I-5.

## Aurelian

 Year 2902 I7-19 Year uncertain $2903 \times 6-\mathrm{r} 8$
II. CONSULS

III. MONTHS
(Month names appear passim in 2934-2937.)


Ó' $\theta 2892$ i rg, ii 182893 i 21 [ 2930 rx ].
Mexєí 2894 iii 252913 ii 21, iii 182914 [i 25], ii Hov̂v 2902 19. 2929229327 2933 6 .

292262930 ко, го 2940


$\Phi_{\text {аஸ̂фı }} 2892$ i 32 , ii 3 I 2896 I2 2930 เ0.
Xớk 2921 II 2930 10 2933 I4

## IV．PERSONAL NAMES

## （d．$=$ daughter； $\mathrm{f} .=$ father $;$ gd．f．$=$ grandfather $; \mathrm{m} .=$ mother $; \mathrm{s} .=$ son． ）

ABáckavroc，alias Calotychus，freedman of
Stephanus 2937 ii 8 ． «A m．Tayris 2894 iii $3-5,26$.

Ayabóc $\Delta a i \mu \omega v$ ，alias Thonis，s．of Demetrius，$m$ ． Didyme 293433
$A$
Ara0ioc $\Delta a i \mu \omega \nu$, Aur．，s．of Areius，gd．s．of Saran pion，m．Senpsois 2892 i $4-5$, 19－20．

anpodapocsee Index I（Aurelian and Vaballathus）． Ai $\mu \boldsymbol{\lambda}$ c．．［ 29387.
ккर́ace，freedman of Demetrius alias Alexander 2937 ii

$\mathscr{A} \lambda \epsilon \epsilon \xi=\bar{\delta} \delta \rho o c$ see Index I（Severus Alexander）．

Àiome，alias Plutarch，s．of Isidorus alias Serenus， m．Diogenis 2935 ii 19.
${ }_{\mu \mu}[293315$.
$A_{\mu \mu \omega v,}$ m．Helen 2936 ii 8
$\neq \mu \mu \omega v$, s．of Onnophris $2937^{3} 5$ ．
$\mu \mu \mu \nu \hat{a} c$, s．of Silvanus，gd．s．of Theon，m．
Herodiaena 2935 ii

A $\mu \mu \alpha \dot{\sim}$ иoc，（alias）Diogenes see Mé̀ac．
$A \mu \mu \dot{u} v o c$, s．of Horion，gd．s．Pausanias，m． Isidora 293439.


Aんócc，alias Dionysius，s．of Severus，gd．s．of Paapis，$m$ ．Tayris 2935 ii 17 ．
$\mu b \iota c$ ，alias Gennadius，s．of Isidorus，m．Tereus 2935 ii I．
uock，s．of Aphynchis，gd．s．of Amois，m．Apol－
of Rom．
Thes s of Romanus，gd．s．of Sarapammon，m．
Thaesis 293427.
A 4 óc，
s．of Sarap
A $\mu$ ócc，s．of Sarapammon，gd．s．of Theon，m． Sarapias 2934 21．
A $\mu$ ưvrac，phylarch 2918 II
A $\mu v v$ vicuavoc，alias Apion 2915 12－13
A Auveriavóc，Aur．，former phylarch 2895 ii 29 ． Avík 7 7oc，Aur．，s．of Sarapammon，m．Isidora
2906 i $4-5$.

Avpató $\delta \omega \rho o c$, s．of Isidorus，gd．s．of Sarapion，m．
Dieus，d．of Theon 2934 ．
Avtivooc，Aur．，alias ．．．antinous，s．of Isidorus，of
Sabinian tribe and Heraean din
Sabinian tribe and Heraean deme 2917 4－6．
vrloxoc，s．of Antiochus alias Diogenes，gd．s．of Antiochus，m．Theodora 2892 i 1 o．
Avrioxoc see AфurXuc，s．of Thonis．
Avvóvoc，Aur．，witness of identity 2894 ii 43 ．
2934 30．
ATLivv，Aur．，s．of Plution alias Horion，id．s．of Aticuv，Aur．，s．Chaeremonis 2908 ii $4-6,27$ ． Atiwv，s．of Serenus，gd．s．of Lucius Ofellius Sarapion，m．Apollonia 29344.
 ATo［ $2933{ }^{7}$ ；
A Aтод ．．．see＇＇Tcí̀upoc．

 Serenus．
Amo $\lambda$ hcóvoc，Aur，alias Nemesi ．．．，son of Sara－ pion，etc．，Alexandrian 2916 3－4．

 Aтo入入и́vroc，s．of Melas，gd．s．of Apollonius，m． Hermione 2934 I．
Ato $\lambda \lambda$ dapoc，s．of Theon，gd．s．of Diogenes，$m$ ． Stratonice 2934 Io．
Amoגtuavóc，alias Severus，magistrate 29242.

 Apetoc see Ahyafò $\triangle$ aíhulv．
Thatres 2935 Mijrus，gd．s．of Pausirion，m． Ap ${ }^{2}$ ticur，freedman of Diogenes（？），s．of Thonis 2937 ii 5.
$4 \rho 9 \omega[2933$
${ }_{4 \rho} \theta_{\mu}{ }^{2} 2939$.
Aptokpari $\omega$ ，ss，of Demetrius，m．Tayris 2934 I5 A1pćévoc 2926 3．
A $\rho \tau \in \mu i \hat{i} \omega \rho o c$ ，alias Chaeremon see $A$ ．．．cavóc，alias Horion．
Accл ．．．．Aur．，witness of identity 2907 ii 19. Accגâc see ¿Aㄱтúvoc．
m．Bers．of Didymus，gd．s．of Asclepiades，

A $\tau \tau \hat{\eta}$, ，alias Didymus，s．of Sontoous 2936 ii 1
Avvinc，（s，of？Plution 2935 Aivŷc（s．of？）Plution 2935 ii 10
Avp $\quad$ Aureliano $).$
 291232913 iii 202914 ii $12 \quad 2921$ 13， 14 ivpínócó
 тlavóc，Aviкךтoc，Avtivooc，Avt








Alvp $\hat{j}$ dooc see Index I（Claudius II，Aurelian and
Vaballathus）． Vaballathus）．
Aфvүxuc，Aur．，s．of Dioscorus，m．Philete 2908 iii A Aф＇̛́ry
s．of Thonis，gd．s．of Antiochus，m． Isidora 2934 I8．
Aфvүхие see Aцouc，s．of Aphynchis．

Ax 2915 ！ 2918 ！ 2920 I．

A．．．，s．of Sarapion，gd．s．of Horion，m．Saral－ lium，d．of ．．．nius alias Sara（pion？），ex－ cosmetes，councillor 2935 ii 5 ．
A．．． Evoc，s．of Hermeeis（？），m．Tan．．． 2936 ii 4.
A．．．．avóc alias Horion，s．of Artemidorus alias Chaeremon，m．Thatres 2935 ii 14 ．
$B_{\epsilon \rho e v i k \eta ~ s e e ~ A c k \lambda \eta \pi \pi a ́ d i \eta c, ~ s . ~ o f ~ D i d y m u s . ~}^{\text {．}}$ B $\quad$ сац $\mu \mu \omega \nu$ ，Aur．，nominator 2894 ii 36 ，iii 33 ． B $\eta$ copiciuv，alias ．．ander（？），s．of Apion 29424. B $\eta \bar{c} \hat{c} s$ see＇$O v \nu \hat{\omega} \phi \rho c \mathrm{c}$ ．
「â̂oc see Птол $\epsilon \mu$ aioc．
$\Gamma_{\epsilon} \mu \epsilon \lambda \lambda \hat{\alpha} c(?)$ ，witness of identity 2922 I4．




 ${ }^{\text {ког }}$ к．
$\Delta_{\Delta 0}$ see $\sin ^{2}$ ．freedman of Theon alias Did

 29302.
$\Delta$ î̀ $\mu \mathrm{oc}, \mathrm{Aur}$ ．，s．of Hermias，m．Thaesis $29055^{5-6}$


 $\Delta_{1 \in \hat{\imath} \hat{c}}$ see＇Empuaxoûc．
$\Delta \omega \ldots$ ，．Septimius see＇$\Omega \rho / \omega v$, Septimius alias $\triangle$ Loyevpc，Ammonius（alias？）see MEXac．
Loovévqc，（？）s．of Thonis see Apq7icv．
 of Theon，Ev申pocovnc，＂Spiaur，Septimius． Loovucta $29377^{\mathrm{I}} \mathrm{x} \times 5$.
Soovecia，m．of Thonis 29206
Alovícooc，Aur．，s．of Sarapion，etc．，Althaean deme $2911{ }_{4}-6$ ． $\Delta$ uovictoc，
ii 20.
$\Delta$ uovúcoc see $\AA \mu$ 亿́r alias Dionysius．

Atócкорос，freedman of Tanenteris，priestess
 Aфर́yxu，Aur． 2004 25－6．

$\triangle$ ouitrooc see Index I（Aurelian and Vaballathus， $\Delta o \mu i \tau \tau u o c ~ s e e ~ I ~$
Aurelian）．

＇Exévy see＂$\ddagger \mu \mu \omega \nu$, m．Helen．
＇E入入ádoco see Evóaíucur．
＇Eтафрódrто，freedman of Demetrius 2936 ii 17

＇Ephivoc see Evinopoc，s．of Herminus．

＂Epuc see Caparitiwv，Aur．，s．of Eros．
Evisaipuv，Aur．，alias Helladius 29042
 Eṽторос，s．of Herminus 29407.

Eu̇rúxooc（？），freedman of Nilus 2937 ii 14 ．
Evi申pocivnc，Aur． Ev申pocivng，Aur．，freedman（？）of Diogenes，（ex－？）

Z $\omega$ id ．．．Aur．， 29227.
Z wìioc，Aur．，former phylarch 2908 ii 42 ，iii
38 ．
H $\lambda$ cec，freedman 2937 ii 16.
＇Нракл．．．． 29266.

Hpakגeíòq see Krictךc，Méגac
of Achillcs 2913 ii
 2894 ii $30-\mathrm{I}$ ．
Hрак $\hat{\text { c．}}$ cee Index $\mathrm{V} b$ 。

pap．） 2925 i．${ }_{\text {Hp }}$ ． 18.
Hpâc，Aur．，alias Sarapion 2925
＇Hpâc（fem．） 2935 ii 8 ．

## Өañcc 29095.

Aañcı see A Apóıc，s．of Romanus，$\Delta i ̂ \delta \nu \mu o c$, Aur．，s．
of Hermias，Kilcrŋc，Médac，Capatiuv，Aur．， $\stackrel{\text { s．of ．．．}}{\text { Qaroñc }}$
Oarp $\bar{c} \mathrm{c}$ see Ap $\overline{\text { elwv，A．．．avóc alias Horion，}}$ $\Theta_{\Theta} \in[$ ，Aur． 2913 iii 22.


$\Theta_{\varepsilon \in \rho \mu \circ v \theta \ldots} 29326$.
©éw Theon alias Did．．．
$\Theta^{e} \in \mathscr{\omega} \omega$, Aur．， 2907 i 8.
Ót $\omega \nu$, Aur．，witness of identity 2892 i 28 ，ii 28 2894 ii $40-1$.
${ }^{2}=\omega \nu$, Aur．，alias ．．．ianus，witness of identity
 Didymus．
$\theta \in \omega \nu$, f．of Dieus see $\AA$ Avraubó $\omega$ poc．
Gecuv，gd．of Dioscurides，gd．s．of Theoxenus，m． Theonis alias Arsinoe 2894 ii 16－19．
 Atodidurioc，s．of Theon，Aoryîvoc．
$\theta_{\epsilon \omega v i ́ c}$ see ©́twy s．of Dioscurides，Пєкúcioc．
aive，Aur．，alias Achillas，S．of Sarapion 2894
ŵvuc，Aur．，s．of Ofellius Maximus and Dionysia 29204.

人िvic，f．of Diogenes（？）see Ap $\eta$ thiur．


Iov́dьo see Птодєнайос．
Iovitoc see Index I（Philippi，Aurelian and Vabal－ Iồcтос 29309

A Aфúy $\chi$ c，s．of Thonis．
Icliowooc，Aur．，s．of Apol．．．，mother ．．．alias
Didyme 2893 is．
 Gennadius，Avraıóówpoc，Avtivooc，Capâc．

Ka入avticv 2936 ii 23.

 Horion 2925229383.
Kadлovproo spicur，hypomnematographus，coun－ cillor of Alexandria 2898 ii 22903 1 2906 i 2 2908 i1 2 ，iii 22909 I 291222917 I 2925 $\left[\begin{array}{ll}{[2-3],[6], 9,20} & 2938 ~ I]\end{array}\right.$
tribe，Althaean deme 2915 2－4，15－17，21－2． Kגaúóroc 2895 ii 17.
Kגaúóoc see Index I（Claudius II）
отреси，Aur．，s，of Th m．Didyme 2892 ii
 of Pindar，mother Thaesis 2893 i $11-14$ Kúp $\rho \lambda \lambda a 29309$.
Aoryîvoc，Aur．，s．of Theon，gd．s．of Theon，m． Diogenis $28997-10$
 Vaballathus，Aurelian）．

 II）．
G $\in \alpha$, ，Aur．，s．of Heracleides，gd．s．of Ammonius
（alias？）Diogenes，$m$ ．Thaesis $2898{ }_{5}-6$ ， $29-30$ ．


$N_{\epsilon i \lambda o c}$（？），councillor of Alexandria 2937 ii 14.

 ккıттос，nomarch 294122942 2．
$\Xi_{\text {evapxic see }} T_{\rho u ́ \phi \omega \nu}$
Ovvé ${ }^{\prime}$ pet（？），s．of Besas，m，P．．． 293012.


## IV．PERSONAL NAMES

Oúaßád入aAoc see Index I（Aurelian and Vabal－ ，lathus）．
Oфф́ $\lambda \lambda \lambda o c$, Lucius Ofellius Sarapion see Amious

－Oфе́ndeo see Capartádnc．

Пан $\overline{\text { in }} \kappa \iota$ ，（s．of？）Apion 2935 ii 8.
Пavápnc，Aur． 2936 ii 28.
Mav［ see Mavioc．
Пavc［．．．，Aur．， 2913 iii 19.
Пavcaviac see A’，$\mu \mu \tilde{v} v o c$, s．of Horion
Паvса̄c 2935 ii 12 ．
Пavcépiov see Apeíw
IT $\epsilon \kappa \nu \lambda \lambda$ oc（？），witness of identity 2922
Пєкर́cioc，Aur．，s．of Sarapion，gd．s．of ．．．，m． ©ecupic 2895 ii $\mathrm{Y}-3,27$ ．
Mìvóapoc see $\Delta$ zovícooc，s．of Pindar，Krictnce
Пोoutiun，alias Horion see Plutarch．
$\Pi \lambda$ गovtíwv，Aur． 2908 ii 28
Mhourtiv，Aur．，alias ．．． 2908 ii 37.
hovti $\omega 1$, Aur．，secretary of the corn dole 2892 i 3
ii 22893 i r，ii I 2894 ii I，iii I 290532906 ii Mגouticu see Aivvîc．
Потац［ 2893 ii 5 ．
Про́ктткос alias Serapiacus，freedman of De－ $\Pi_{\text {Toh } \epsilon \mu a i ̂ o c, ~ C . ~ J u l i u s ~}^{\text {a }}$


Capa［ $2937^{1}$ i 2 i．
Capad $\lambda \iota o y$ see $A . .$. ，s．of Sarapion．
Capađव́цн $\omega v$ ，Aur．，gd．s．？of Alexander 2918 5－6．

Sarapammon，Aviкخroc．
2908 iii，Aur．，ophellius，m．Didym саралíac 2937 1 i8．

Capantiov，Aur．，s．of Eros 2894 ii［3］， 29
Capantivy，Aur．，s．of ．．．，gd．s of Ptolemy，m． Thaesis 2903 3－4．
Capamiev，L．Ofellius Sarapion see Ami Serenus．


Sarapion，Aıovícoc，Aur．，Evioaíhuv，s．of Sarapion，＇Hpaкג仑̂，Aur．，＇Hpôc，Aur．，

Capâc，Aur．，alias Isidorus，witncss of identity 2892 i 30 ，ii 29.
Cenljór see Ayäò $\Delta a^{\prime} \mu \omega \nu$ ．


 Cep p णoc，Aur．，epicrites 2892 i 23 ，ii 252894 ii 34 iii 312895 i 2229220 ．
C $\operatorname{\rho \rho \hat {\eta }voc,~Aur.,~witness~of~identity~} 2908$ ii 44 ，iii C $\operatorname{p} \hat{\eta}$ णoc，Aur．，witness of identity 2908 ii 44 ，ii

 Ci入ßavóc，s．（or gd．s．？）of Aphynchis $28977^{-8}$ ． ${ }_{C}$
Co $\hat{1} \rho$ ис 2937 I $_{1}$
Covréovc，s．of Horus，m．Thatres 2936 ii Ir．
Covréove see Atpîc alias Didymus． Covzíove see $A \tau p$ गिc alias Didymus．
Cratilicoc AApucavóc，praefectus Aegypti 29238.
CTétavoc，Aur．，os of Harachthes alias Agath
Teqauoc，Aur．，s．of Harachthes alias Agathinus，

Cтратоvik see Amo八入Ávioc，s．of Theon．

（1）


Tavevर̂̂plc，priestess 2937 ii ir．
 of Germanus．
Taveєîpcc see A $\mu$ ór

$T \in \rho \in \hat{c}$

Tov́ $\beta \beta \omega v$, Aur．，strategus 2923 I
Tpútuv，s．of Apollonius，gd．s．of Apollonius，$m$
Xenarchis 2894 iii $15-17$ ．
$\Phi_{\text {auctîva see } \Delta \iota o v u ́ c o o c, ~ s . ~ o f ~ P i n d a r ~}^{\text {．}}$
$\Phi$ Фidéac 2925 го．

Xarp $\mu \mu \nu i c$ see $A \pi i \omega v$ ，Aur．
Xaup $\mu \mu \omega \nu$ ，alias Besammon 2895 i $9-10$

126
INDEXES

Xatpónuv，Artemidorus alias C．see $A \ldots$ avvóc alias
Horion．
Rpiciv，alias Plution see $A m i \omega v$, Aur．
Spicuv，Septimius，alias Diogenes，ex－gymnasiarch $2924 \times$［2925 1о？］．
Rpísv，steersman 2926 2， 10.
Spicv see $\not \approx \mu \mu \mu \dot{v} v o c \mathrm{~s}$ s．of Horion，Aticuv，Aur．， A．．．，s．of Sarapion，A．．．tavóc alias Horion，
Kàmov́phoc＇$\Omega$ ．


a a ${ }^{\text {aptivooc see Avr } 2913 \text { ii } 23}$
$\therefore$ voc alias Sara（pion？）ex－cosmetes，councillor 2935 ii 6.
．pluv，Aur．，witness of identity 2895 i 29
poc，s．of Aur．Zoilus 2908 iii 40.
，s．of ．．clas，gd．s．of Theon 2892 ii 9 －ro．

## V GEOGRAPHICAI

（a）Countries，Nomes，Toparchies，Cities，etc．

Ai＇yuntoc 2923 g ．

 ［2932 5］．
 $29251229382-3$.

Tovveikóc see Index I（Aurelian）．

6 ，iii $6\left[\begin{array}{lllllll}{[895} & \text { ii 4］}\end{array} 2898{ }_{7} 2903{ }_{5} 2906\right.$ i 5 ，ii 6
（b）${ }^{2} \mu \phi o \delta a$ 을
оррâ $\Delta_{\rho} \hat{\sigma}_{\text {uov }} 29168291782928$ i 5 ，ii 72929 II
［29336，17］． 2928 i 7，ii 9292952939 4．
4ро́кov Tv $\mu \nu a c i o v 2893$ i 8，［ii 5$] 2894$ ii 8 ，iii 8 ．

2928 i 6 ，ii $82929{ }^{1} 42930 \mathrm{r}, 3,8,15$. Epuatov 290362906 i 1o，ii 72922 17 2928 i 9 il 11292913.
$H_{\rho} \omega_{0} \nu v 290592928$ i 2 ，ii 4 ［2929 9］．




## 2908 ii 7 ［29095］［2912 5］ 2913 ii 529234

 ［II］ 2925 II．OEvpurxímp（ citizen）2892 i 7，ii 52923 I2．
 29207
O Óvppuүx（ ）тó̀tc 29057.

＇Pwuaioc see Index I（Aurelian and Vabal
lathus）．

> XYRHYNCHUS

 29293.

Nótov Dpóruov 2913 ii 7.
Nórov Kpク7iঠ̂oc 2908 ii $8-9$ ，iii II 2928 i 8 ，ii io 29298.

2931 г．（Параঠeícov） 2928 i i2，ii 1429294
 Пגaré́ac 2928 i 10，ii 122929 I2

（c）Tribes and Demes

АА入Аaıยúc 291162915 ［4］，17， 22.

Nєоко́сцос 2915 3，16，［22］．


## VI．RELIGION


（127）
VII．OFFIGIAL AND MILITARY TERMS AND TITLES
àvaүopévé 2892 i 24,26 ，ii 24,262894 ii 35,39 ，
 àvapopóáa 2902242903 1o 2908 ii 13,40 ，iii 39 ［ 2909 r3］ 2910 ii 1о 2922 I2 29272,6, xo，12， $14,17,[20], 2229307$［29315］［29324］ 2936 ii 29，31．
$2897{ }_{2} 290582906$ ii 2894 ii 7 ，iii 72895 ii 6 2913 ii 6，［iii r］［29186］ 2923 12．
àvєтiкритос 2908 iii 12.

äpX $\frac{1 \nu}{}(\tilde{\rho} \rho \xi a c) 29042$.

ä́pXळv 2913 ii 229243
ви $\overline{\beta \lambda i \delta i o v} 292132923$
$\beta_{1} \beta \lambda_{\nu} \theta_{\dot{\gamma} \kappa \eta} 2907$ ii $21291942927 \mathrm{r}, 5,9,19,22$ $2930{ }_{5} 29314$［29323］ 293922940 2．
Bußhरov 2895 ii 132898 12， $182900{ }_{4} 290212$ ， 13
 2913 ii го，ir，iii 72914 i 4，［9］ 2918 1o 2920829255.

Bov入ᄉvтरic $2898{ }_{3} \quad 29043 \quad 2935$ ii $6 \quad 2937$ ii I4 29382.

Bou入h́ 2894 ii 13，iii 13［2896 r］ 2898 21［2899 $6,17] 290062903{ }_{15} 290462906 \mathrm{i}_{7}$［［19］ 2907 ii 11 ［ 29096 ，i8］ 2910 i 6，ii i4 2911 72912 r7［ $^{[29141} 17$ 7］［2916 7］，［2918 3］［29215］ 292452941829428.
$\gamma \nu \omega \rho i\} \epsilon c \nu 2892$ i 29，3I，ii $29,[30] 2894$ ii 42,44 ［2895 i 28,31 ］ $290222 \quad 2914$ i［ 2 r$]$ ，ii 19

$\gamma \nu \omega \in \tau \in \dot{v} \in \nu \nu=2908$ ii 44 ，iii 42.
$\gamma \nu \omega c \tau \eta \eta_{\rho} 2892$ i 28,30, ii 28, ，［29］ 2894 ii $4 \mathrm{r}, 43$
$2895 \mathrm{i} 26,2902$ 2914 ［i ig］，ii 172922 2908 ii 32,44 ，iii $4^{2}$
 ［iii 1］［2894 ii I ，iii 2］ $2905{ }_{4} 2906$ ii 229113 roa申申́ 29128 ？ 2913 ii 8 2915 9， 182927 4， 18 ．

 dadoctc 2892 i 16 ，［ii 1 I4］ 2895 i is $2900{ }_{4}$［ 2910 $2918429243,6$.
Stakplvelv 2892 i 28,3 ，，ii 28,302894 ii 39,42 ，
 $242914\left[{ }^{2}{ }^{2} 0\right.$ ］，ii $1829272,5,9,11,16,19,22$
$29306] 293142932{ }^{2} 2936$ ii 29 ．


``` ठи́व́ \(\eta \mu\) ос 29238 ． 2913 ii 2.
```

${ }^{\text {ch}} \xi \eta \eta[2906$ ii 5.


 2894 ii 8 ，35，iii 9,312895 i 1， 23 ，ii 6 ［ 2896 17］ 289732898 1，8， 202899 10 2902 4， $7,14,20$ 290362908 ii $1,9,36$［ 2913 iii 3$] 29188292$ tikplece 2895 ii 92898152902
 i $22289616 \quad 2902202927$ 11．




 катахшрисно́c 2913 іi 9 ［2914
 iii 112895 i8．
кчракодс 入д́үос 29386 ．
रar रávecl 2893 i 11 ，［ii 8］ 2894 ii 14 ，iii入оуистท́poov［2925 22？］．
 $\mu \eta \tau \rho о \pi о \lambda(\tau \eta \mathrm{c} 2895$ ii 5.


Buniacía 2904 10 2906 ii 9 ［2909 10］ 2915 Is 29405

то入ıтєia 2908 ii 33. то久iaq тросваiverv $28988 \quad 29035 \quad 29128 \quad 2913$ ii 7 2927 4， 182939 II．
$\dot{\rho} \epsilon \mu \beta$ óc 2908 iii 372927 7， 212928 i r．
curnpéciov 2892 i 3,15 ，ii［2］， 142893 i［2］， 16 ，［ii
 2902 15 2903 г3 29054 ，14 2906 i 9, ［18］］， ii 3， 162907 i 3,2908 ii 18 ，iii 16,272910 ii 4 29113,92913 ii 2,16 ，iii 122914 ［i 1 2 ］］，ii 6 ［2921 4］ $2923 \times 629262,92941$ II，I2．
uтoठocia 29027.
тратךүос 2923
та́ßरa 29246.

viakovétv 2892 i 24,27 ，［11 24,26$] 2894$ i1 35,40 ，


2927 2，6，10，12，14，17，20， 22 29307 29315 293242936 ii $29,31 . \quad[2899,2903$
 291822920229253.

## $\operatorname{du\lambda }[2933 \mathrm{I}$ ．

филакía 2911 II.



 ［2912 io］ 2913 ii 12，iii 82914 ii 15 ［2918 io］ ［2930 2］［2931 r］ 2932 I． पu入力 293032931 2 2932 I 2941 го

Eєporovqríc 2894 ii 372936 ii 9，12，15，18，21．

VIII．PROFESSIONS，TRADES，AND OCGUPATIONS

｜т $\rho a \pi \epsilon$ 乡itクc $2938{ }_{4}$.

## IX．MEASURES



## X．GENERAL INDEX OF WORDS

JaOóc 2918 13 2019
yrooa 2899 I5 $_{5} 29005_{5} 2907$ ii 1
бєєфос 2908 iii 7.

¿̌кодоvөía 2916 чо．
 i3］ 2927 ［II］，5， 829305 ［2938 6］．

＂ג入（oc？） $29342,5,8,11,16,19,22,25,28,31$ ， $34,37,40 \quad 2937$ ii $3,3,2$, II．
$a_{\mu} 2902$
2902
$a ̈ \mu \phi$ оסov 2892 i 8,13 ，［ii 6, II］ 2893 i 7 ，［ii 5 ］ 2894 ii 7,20 ，iii 7,182895 ［i 3］］，ii 7,1128966 ［28979］ $28989289911,2529003,15[2901$

 29187 ，［10］ 2923 I3 29394 ；see Index Vb． av 2908 iii 2529247.
Аагаүкка̂oc 2902929245.
гаүкаínc 2898 I4［2906 і 15 ］［2907 ii 2］．
avayopevel see Index VII．
àvay ád $^{\boldsymbol{\alpha}}$ elv see Index VII．




112925 I4 2927 1，4， 72928 i 1 ，2－1 152912
$11,15-1629291,3-13,15-162930429313$

 $2895 \mathrm{i}_{9}$ ，［ii 17$]\left[\begin{array}{lll}2896 & 3\end{array}\right][28977] 2907$ ii 4 2915 I4．
－vtivpapov 2916 го 2919329236.
vivotv 2925 6，9．


 2907 ii 42908 ii 16 ，［iiii 24$]$［ $\left.2909{ }^{1} 16\right]$［ 2910 i 3 ，ii 12$] 2912152913$ ii 14 ，iii io 2914 á $\ddagger$ Lecıc $289923 \quad 2900$ г3 291692930 то 2934 $2,5,5,8,11,11,16,16,19,19,22,22,25,28$ ， $28,31,32,34,37,372935$ ii $2,7,11,13,16,20$, $22,24,252936$ ii $I, 3,4,5,6,8,10,11,13,14$,
$16,1,19,20,23,242937 \mathrm{I}_{\mathrm{i} 2,2,5}, 9,9,13,16$, $16,17,19,20,23,242937 \mathrm{r}$ i $2,2,5,9,9,13,16$ ，
 2937 ii $1,[2,5], 8,[11], 16$.
דó 2892 i 6 ，ii 4.2893 i 52894 ii $_{5}$ ，iii ${ }_{5} 2895$ ii 4 28987289992902 I4［ 290034$] 290572906$ ii 5， 8 ［2920 6］ 2923 3，II 29274 ， 182939 10.
áтоүра́фесу see Index VII
aro $\gamma a \phi \eta \eta$ see Index VII．
тodeţic 2898 ェ4， 1729195. ii 10$]$ ．
дл $\pi \delta \delta \varnothing \eta \mu о с 2899$ гз
тот $\lambda \eta \rho \circ \hat{v ิ \nu} 2924$ 4．
aproc 2941 ．
ртос 29419

äp $\rho \omega \nu$ see Index VII．

aùróc 2892 i［ 12 Z ］，21， 26 ，ii 11, ［20］， 232894 ii 20 ， 32，iiii 58 ， 292895 i 20 ，ii 12 ［ 28966,15$]$ 289792898 ェ8，31 2902 г2， 232903 13 29047 ，
［26］ 2905132906 i $9,13,292907$ i i1，ii 6 2908 ii 29,47, iii $[9], 23,25[29098,16][2910$
ii 4$] 2911$ 1o $2912 ~$
is ii 4］ 2911 10 2912 i5［2913 ii 24,25$] \quad 29156$ ， ${ }_{3}^{19} 29251829672,5,9,11,14,16,19,22$
 293912.



Bacticéa 28991329037.
Bacidev́c see Index I（Aurelian and Vaballathus）．
$\beta_{1} \beta \lambda i \grave{c}$ oov see Index VII．
C 8173

Bpoótece［2908 iii 40］．
vévoc 2898 13， 16.
 2894 ii 9 ，i1，iii $[9]$, II $[2895$ ii 30$] 2896$ r9
 2930 2．
vopil＇sev see Index VII．

ро́дсс 29265.
（ôv 2903 ir［2906 ii x 3 ］ 2909 In $_{5}$［2910 i 2 ，ii ri］

годддда 2892 i 22 ，ii 21 2894 ii 33 ，iii 302895 i 2 I 2896 I5［2898 32$] 2904272907$ i I2 2908 ii 30 रрацдатеи́c see Index VII．
रpá $\phi \in \nu \nu 2892$ i 21 ，ii 202894 ii 32, iii 282895 i 20 2896 I4［ $2898{ }_{31}$ i］ 2904262907 i II 2908 ii 29 ， iii 40 ，［40］ 2913 ii 23 ，iii 21
yupvacapapeì see Index VII．
$\delta \epsilon 2898$ I2 2906 i in 2908 ii 14 ［2909 I2］ 2910 ii 92913 ii 1I，iii 6 ［2914 i r 6 ］ 2915 II 29179 292472925 I4，16 29325.
סєєкvúvar 2892 i I 4 ，［ii 12］ 2913 ii 13，iii 8. Sê̂oo 29028.

 2940 I ． סóá［2895 ii 12］2902 5，ir 290382908 ii 13， iii 94 ［2909 1o］［2910 ii 6］［2911 12］ 29129 $\begin{array}{lllllll}2913 & \text { ii 24］} & 2918 & {[8],} & 12 & 2920 & 8 \\ 2924 & 3\end{array}$ 2925929383.

бсакрiveci see Index VII．
Stákpctic see Index VII．
Siakourví see Index VII．


（－）$\delta \iota \delta \delta \dot{v}$ al 2908 iii 18.
סौevuvx $\begin{array}{llllll}20 \hat{\nu} & 2898 & 22 & 2902 & 16 & 2903 \\ 15 & 290414\end{array}$ 2906 i 202908 ii 19，iii 28290920291523 2916 II 2918 I7 2919 II

Siксиос 2899 г 82900729258
ठьокєє̂̀ 2936 ii 28 ．
бокєiv 2894 ii 12，iii 12［2896 r］ 2898 2о 2899 16［29006］ $29031_{15} 29045,12 \quad 2906$ i 7， $\begin{array}{llll}169], \text { ii } 17 & 2907 \text { ii } 11 & 2909 & 6,18 \\ \text { ii } & {[2910} & \text { in } 5,\end{array}$


 29199.

कोped́ 2893 i i 7 ，ii 14.2894 ii 24 ，iii 222895 ii 22
 2907 i 3 ，ii 9 2908 ii 18 ，iii 27 ［2909 8，17］

fád 2906 i 27 ？
\％ка入єєิे 29257 ． 2898 I4，22 2900 19 $29017 \quad 2902$ II，II 2903 10， 442904 it 2906 i i $13,\left[\begin{array}{lll}{[7]}\end{array}\right],[17], 20$ 2907 i 2 ，ii 4,8 ， 102008 ii 11, ， 4 ，iii 7,40

 2936 ii $9,12_{2 j} 15,18,2129383$
єi 2906 ii 23 ．
ióéval 2892 i 22 ，ii 212894 ii 32 ，iii 292895 i 21
 Eккоса́̇́qทc 2893 i 9 ，ii 7.
Etval $2892 \mathrm{i} 12,14,23,26,28,30$ ，ii II，［13］， 23 ， $[25], 28,302894$ ii $19,34,38,41,44$, iii $1.7,31$ 2895 i $3,[23], 27,[30]$, ii 5,30289616
$13,20,23$
2903
II
$[2906$
ii 13$]$
2907 2908 ii $10,13,45,47$ ，iiii 12,43 ［2909 I4］ 2910 i i ，ii II $[2912$ 13］ $2914 \mathrm{i} 15,19$ ，ii 15 ，I8 2915 in 2922 Io $2925829272,5,9,11$, I 4, ， 6 18，19， $2229306[29314] 2932$ 3，5． 2926 2939 II 29405
Eicár $\gamma$ ch 2892 i io o，ii 92893 i io，ii 82894 ii 15 ， iii 142895 i 8 ，［ii 19］［ 2896 3］．
2892 i［ii 8］2893［in［ii 10 ］
 2895 i 82906 i 122915 II， 182919 3 2930 10
$22,25,28,28,31,32,34,37,37$
2935
ii $2,7,11$ $12,25,28,28,31,32,34,39,31$
$13,16,20,22,24,25$
2936 ii $1,3,4,5,6,8,10$, $11,13,14,16,17,19,20,23,242937{ }^{1} 12,2$, $5,9,9,13,16,19$, ii $3,4,7,9,10,12,12,15$ ， $6,7,92939$ I， 32940 I， 3


є̇кגацßávetv 29193.

«кко́с 2941 （2914 ii 2］．
éкктóc 2941 I2．
2894 ii 2892 i 10,14 ，ii 9,132893 i 10 ，ii 8
 2925 21．

 2906 i $[7], 28,[$ lii 12$]$［ 2907 ii 20$] 2908$ ii 12 ， 35，40，iii 20 ，［25］， 362909 ［6］，I4［2910 i i， ii ro］ 2912 II 2913 ii 9 ，11， 14 ，iii［6］， 9 ，［10］ 2914 i $3,[6]$, io，ii $[2]$ ］ 4 4 2915529165,6 ［2918 I4］［2919 7］ $29245,6 \quad 2927$ I，19， 22 ［2931 3］［2932 3］ 2941 II ．
 i 6 ，ii in 2908 ii II 2913 iii 52914 i 16 ．
évakócoo 2908 iii［ r 5$]$ ，（ 26 ）．
דт́́ccelv 2892 i ${ }^{32}$ ，［ii 3 I］ 2894 ii 21 ，iii 19

 18，21．
evvaîөa 2916 5，7．
évróc 2899 I 8$]$［2900 8］


èmavó $\rho \theta \omega c$ cic［2899 2r］ 2900 II
Ẽapxoc Alyứnтov see Index VI
 pap．） 2925 I6． ย゙пยルว 2923 I5？
imi 2892 i 8，12，ii［6］，Ir 2893 i 7 ，［ii 5］ 2894 i $[7]$ ， 19, iii 7,18 ． 2895 ［i 2 ］，ii 7 ［2896 6］

 ii［7］， 8,192907 i 5 ，ii 6 ，12 2908 ii 8,14 ，ii ［10］， 39 ［2909 9］［2910 ii 5］［2911 11］ 2912 7，12 2913 ii 6 ，［iii 2］ 2915529168 ［2917 7］ $29187,[7][29193] 2922$ I2 2923 13， 15 ？ 16 | $2925729272,6,9,12,14,[17], 19,22(2929$ r8） |
| :--- |
| $2930{ }_{7} 29315$ | 29393 ［29419］．


ẽ $\pi \delta \eta \mu \epsilon \hat{\nu} 2908$ ii 15.
$\pi \pi \delta i \delta o$ ovac 2892 i 20 ，$[$ ii 19］ 2894 ii 30 ，iii 26

 2903807 i 92908 ii 15,28 ，iii 24,35 in $_{2909 \text { II }}$ 2910 ii 7 ［2911 12］ 2912 1o 2913 ii II， 22
［iiii 6，r9］2914i 8，ii r3 291892920829228


èmucpivelv see Index VII．
èmiкpocic see Index VII．




זı 2925 6，［9］
roc 290242906 ii 202907 i 7 ii is
（＇тос） 2892 i $9,9,16,32$ ，ii $[8,8]$, r5， 312893 i 10 ， 18 ，［ii 7］ 2894 ii 9 ，10，10，24，iii 9 ，Io，［10，22］
269514,4, ，4，in 10，［23］［2896 10］ 289820,23
2904 12 2901， 1029024,1729037 ， 16 20 iiii 292913 ii 8,18 ，iii $[3], 5,[5], 142914$ i ［17］，17，［22］，ii 82915 5，12，19， 20 ［2916 ェ2］ ［2918 8］ 292162929 2 2934 ii $1,4,7,10,13$ ， $15,18,21,24,27,302935$ ii $1,3,6,8,10$ ， $12,15,17,19,21,232936$ i 1,4 ，ii 25,262939 $10,1229404,4 . \quad$ ．


Euve $\overline{\text { Pice }}$ see Index I．
¢́́cттov 29165,9 ．

 1，13，19，21［2931 3］［2932 3］ $2938{ }_{5}$ ．

ที $\gamma \epsilon \mu \mu \nu$ ía see Index VII．
$\mu$ е́тєрос 2895 ii II $2899 \quad 26 \quad 290016 \quad 2901$

jucuc（ 2930 го，io，11）．
Epicca see Index VI．
 ［2916 10］．
intèc＇P Pouaíuv see Index VII
ritkoc see Index VII． 2006 in 1907 4，ii 9 2909192910 i 6 ［2912 17］ 29159.

Ka $\alpha$ Oaícap see Index I． 2023 I2．
кä̀ see äv．
кard́ 2894 ［ii 12］，iii 12 2895 ii 14 2898 II， 20
$289915290052902 \times 2903$［4 $[4] 2906$

 16，［177］ 291592916 1о 2918 12，［12］ 29195

 عađáyeuv 29266.
кат’ ädopa see Index VII．
катат́́čсєv［2914 i 9$] 29197$.
araxwpисно́ see Index VII

єєєยuev［289923］ 29001329012.
които́с 2908 iiii 27 2918 16 29199 ［29214］．

ко入入ขристико́c［29384］．
кра́тєктос 2894 ii 13 ，iii 122896 I 2898 2， 21 2899 ［4］，6，［16］ 29006 ［2903 r，15］ 2904 2906 i 2,7 ，［r9］，ii 182907 ii 112908 ii 2 ，［iil 2］［2909 2，6， 18$] \quad 2910 \mathrm{i}_{5}$ ，ii 142291172912 ［2］，ry 291416 ［2915 1］ 29167 ［2917 2］ 2918 2， 32980
［2942 8］．

## vрєрй́тク二 see I


\aryável see Index VII．
入а $\mu$ ßаренр［2908 iii r6］ 2918 I5 291982924 7， 8 ，


aurpóc 2892 i 6 ，ii $[4]$［ 2893 i 6$] 2894$ ii 6 ，iii 6 | 2895 | ii 4 | 2897 |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2905 | 2898 | 3,7 | 2899 ro | 2903 | 5 | ${ }_{2909}{ }_{5}{ }_{5}\left[2912{ }_{5}{ }_{5}\right]$［ 2913 ii ${ }_{5} 2916{ }_{5}, 6$［2920 6］ $29233_{3,3,}, \mathrm{rI},[\mathrm{Ir}] 2925 \mathrm{rI},[\mathrm{r} 2] 2938{ }_{2}$.

גaumpóc see Index I（Aurelian and Vaballathus）； $\mathrm{V}(a)$（Alexandria，Oxyrhynchus）．

## $\epsilon \tau($（ove $\gamma-)$ ）， $2927{ }_{15}$

eltove $\gamma-2917$ Ix．

2905 1о 2906 i $8,[\mathrm{roj}], 27,[\mathrm{j} 0] 2907 \mathrm{i}$ r 3 ， I4，［19］29097， 92910 ii 3,529118 ，［10］ ［2914 i 2］ $29154_{4} 2917$ 7， 8 ［2918 7］ 2922 II 2937 ii $1,3_{4}$ ．

גetrovpyia 2908 iii 22.
$\eta \mu() 29349,12,17,20,26,29,32,382936$ ii
$3,7,10,13,1629$ In
doycrỵiou see Index VII
$\lambda$ d́yoc see Index VII s．v．кuplakòc $\lambda$

मéyac 289932909229172 ［2938 2］．
$\mu \epsilon \gamma \epsilon$ Ooc 2923 5．${ }^{5}$ ．
${ }_{\mu \epsilon \in \lambda \lambda \epsilon \nu \nu} 2895 \mathrm{i}[6]$
нév 29246.
нєтáá 2926529396
 2913 ii 17, iil $142914[115]$ ，i1 729167 ，［ir 1 ］．

 2908 ii 16 ，iii $262909[7]$ ］， 172910 i 3 ，ii［ 3$]$ ， ${ }_{13} 291182912$ 15 $_{5}$［2918 I6］ 2919 yo［2921 3］． $\mu$ étpou 292521.
$\mu$ én
29028.


2908 ii 292913 ii $24292115 \quad 29249$

$\mu \hat{\eta}^{\prime}\left(\right.$ ó $^{\circ} 292929$.
 5，18，iii 5 ， 172895 ii $32896{ }_{5} \quad 289862899$ 8290342904529056 ［2906 i 5 5］ 2908 ii 6 ， iii 5,82913 ii 4292062923 3，II 29309 ，
12,13293262934 ii $1,4,7,10,13,15, ~ 18,21$,
29
$24,27,30,33,36,392935$ ii $1,3,5,8,10,12$ ，
1，4，8，12，15，18，21 29398.
$\mu \eta \tau \rho o ́ m o d \iota c$ see Index VII．
$\mu \eta$ протоגínve see Index VII．
עєшкópoc see Index VI，VII．
уона́ $\chi \eta \mathrm{\eta}$ see Index VII
vouil＇$\epsilon \nu 29245$ ．
voctî̀ 2936 ii $9,12,15,18,21$.
S 2898152902 10 2903 II 2906 i 10 ，［ii 13］ 2908 ii 14, iii $255[29091$

ठо́ 2898 г 2902 13 2906 i i 5 ［2907 ii 2］ 2908 ii 16 ［2914 i 8］

oikia［2916 5］．
биоїос 2898222903 10， 142904132906 i 13，
 291592916 10．
ниоór刀二с 2902 14．
opoioyoc see Index VII．

 ［2918 11］

öc 2892 i 24,26 ，29，31，ii 24，26，［29］， 302894


 29334.
oủ 2898 r3 2906 ii 12 2908 ii 122925 I4． ойvঠঠкт́́ploc（？） 2937 ii 4.

oûroc 2892 i $23,28,30$ ，ii［ 25$]$ ］， 28,302894 ii 34 ，
 ii 42 ，iii $38,44 \quad 2914$ i 19，ii 16, i7 29169 ［2918 12］ 2922 то 2924729258,14 ，17． T $\omega$ c 2892 i 25 ，ii 222896 20 290223 ［2907 ii 20］ 2913 ii 13，iii 92914 ii 32915 I9 2922 I5 2923 7 2927 ェ3，21．
apó 2892 i 4 ，ii 32893 ［i 3］，ii 22894 ii 3 ，iii 3

 $2920{ }_{4} \quad 2923$ 2，10 2924 r， 62925 ［2］］，10，I8 2926 2，10 293022931 I［2932 1］ 29385 2941429424 ．
тарáy $\pi a \rho a \gamma \gamma_{\nu}^{\prime} \in \in \theta a l 2903$ I2
тapa．é́ $\chi \in \theta$ Oal 2908 ii 34,35 ，iii 36 ．



 таре́єєє 2898 I4， 152908 ii 322925 ⒍ тape 29196.
$\pi a \neq र \dot{p} p 2908$ iii 40.
$\pi a \pi \rho i c$
$\pi \epsilon \rho i$
2906
ii 17
14．
2908 iii 23
2913 ii 13 ，［iii 8］ 2914 i 7 ，ii 2291962925 5，［19］．
$\pi \lambda$ ávp 2895 ii 142908 iii ${ }^{2} 32918$ I2
 ódıc 2892 i 6 ，ii 5 2893 í ${ }^{\text {i } 4] ~} 2898$ ， i1
6 ，ii 6
6 2908 ii 7 ，iii 6 ，to［2909 5］ 29126 2913 ii 6291662920729234,122925 ［12］， $12 \quad 2938$ 2 2942 3；see also Index V．
тò̀réla see Index VII
тодíq．see Ind
$\pi о \lambda \dot{c} 29262$.

X．GENERAL INDEX OF WORDS

тра̄үна［2899 20］ 2900 го

 2906 i 302907 ii 202908 ii 45 ， 46 ，iii 432910 ii 72914120 ，il 16,182922 K， 152927 II， 13， $16,18,212936$ ii 30.
троие́ধеєv 290212.

$\pi \rho o ́ c 2893$ i 10，15，［ii 7, 12］ 2894 ii 9 ，［22］，iii 10， 202895 i， $3,[2896$ 7］ 2036 10， 21
 2910 ii 92913 ii ${ }^{5} 5$ ，［iii 4, II］ 2914 i $_{\text {II，}}$［［r6］， ii 5 ［29189，5］［2919 8］ 29249.
$\pi \rho \circ с \dot{́} \gamma \gamma \in \lambda \mu \alpha 29151129403$
трос́वyєो 29169
тросßaiveciv see Index VII．
 $\pi \rho о с \in \hat{v} v a, 291813$.
$\pi р о \chi \varepsilon \varphi \rho!\zeta \epsilon \omega 292442941729427$
тр отос 29257.
трштшш $2937{ }^{3}$
p $¢ \mu \beta$ óc see Index VII
＇Pouraîoc see Index Va；VII s．v．inteúc
$C_{\epsilon} \beta a c$ cóc see Index I．
спиаі́veг 2903 12 $\left.\begin{array}{lll}2909 & 15\end{array}\right] 2910$ i 2 ，ii 12 2912 I4
ciroosocia see Index VII．
cìтoc 2898 19 2904 7， 132907 ii 9 ［2909 8，i 7 ］ ［2910 i 4，ii I3］ 2912 r6 2916829247. cóc［29195］．
ктparqүó see Index I（Aurelian and Vaballathus），
cú 2915 1o［2918 г2］ 2926429385 ．
сч́н及оخор 2898162908 ii 33.
с $\mu \mu \phi \omega \nu \in \hat{\nu} 2914$ ii 15 ．
тáp入a see Index VII．

đd́ॄıc see Index VII
тúccelv 2895 i 5，ii $^{\text {io }}$ 10 2898 12 $2902{ }_{5} \quad 2903$ 万
$\left[\begin{array}{lll}2906 & \text { i 17］} & 2907 \text { ii } 4\end{array}\left[\begin{array}{lll}2909 & 10\end{array}\right]\left[\begin{array}{lll}2910 & \text { ii } 6]\end{array}\right.\right.$ 29129291814.
$2895 \mathrm{i}_{7} 29025$.
$\tau \epsilon{ }_{\text {ii }} 629116$［2912 g］ 2941 II ．
$\tau \in \lambda() 2936$ i $3,5,6,7$, ro， 13.
iii 182895 i in $[i i 18][2896$ 6］ 2907 ii 7
гєссарескаиঠєкає́тクс（2939 м1）．
т ́́тарто̀（29409）．
тuc $28991829007{ }_{\tau} 2927$ II， $13,[16],[18], 21$ то́тос 2912729194.

$\tau \rho a \pi \epsilon \in \zeta$ lrnc see Index VIII．
трі $\mu \eta$ рос 2899 19 29008.


тขyरáveç 2892 i 7 ，［ii 5］ 2899 г4，［2I］ 2900
 2912 12 29164 ［29176］ 29236 ［2925 14 ？ P ］

viraкoо́є́v see Index VII．
vĩaтoc see Index I，II．

 29，iii $40 \quad[2913$ ii 24, iii 21］ 29327 ？ 2934 $2,3,5,6,8,9,11,12,19,20,23,25,26,28$ ，
$29,31,34,35,37,38,402936$ ii $2,3,7,22,24$
2937 x i $5,13,14,[16], \mathrm{ii} 3,4,6,1,10,13$,
 29025290382905 Ir, I3 $2906 \mathrm{i}_{13}$［2909 ir］ 2910 ii 72911122912 10 2913 ii I2， iiii 7 2915 1o 29183292092923629273 $29324^{4}$（？ ¢ $\phi$ pap．） $2933{ }_{4} 2936$ ii $9,12,15$ ， ітоүраф $\eta 29236$ ．


ітоорүратоүра́фос see Index VII
v̇тơáccelv 29169 ．
ф८入av日poutia［2918 г6］ 2919 го 29213 фuגakía see Index VII фúdapxoc see Index VII фu入áccelv 290412. $\phi \nu \lambda{ }^{\prime}$ see Index VII．
xalpeev 2926229385 $\chi$ х́́ $\rho \nu \nu 29029$.







－2velis－2

－to 0 －PMNT
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Kextporr｜rifuntex
$-\mathrm{Ni}-\mathrm{Nr}_{7} \times 4 \cdot \mathrm{HF}$ OTHE
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$\mathrm{V}^{\circ}$

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$$

87
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